





AND

BY-LAWS

OF THE

MARYLAND INSTITUTE

FOR THE

PROMOTION OF THE MECHANIC ARTS.

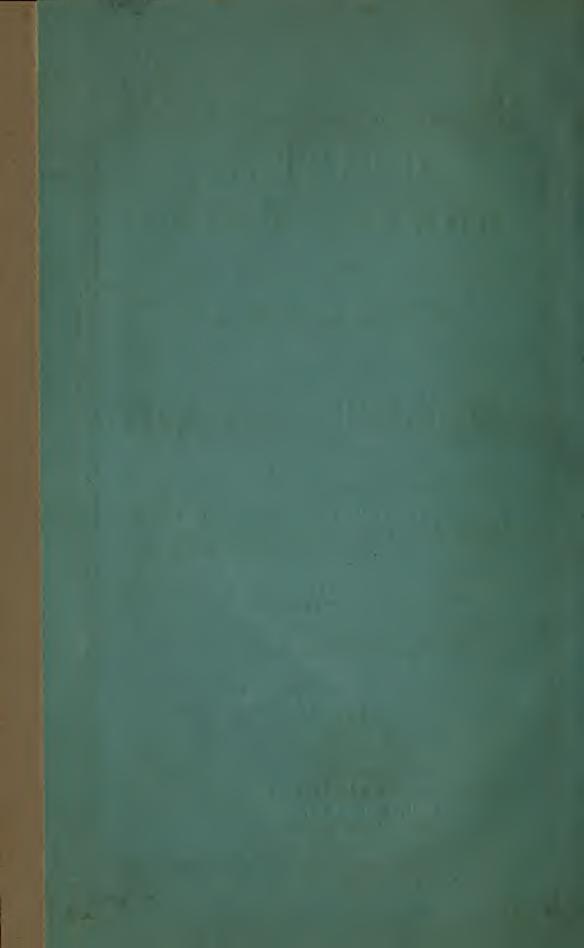
FORMED JANUARY 12TH, 1848—and Incorporated at December Session of the Maryland Legislature, 1849.



BALTIMORE:

PRINTED BY SANDS & MILLS, No. 128 Baltimore street.

1850.



CHARTER,

CONSTITUTION

AND

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By the House of Delegates, February 8th, 1850.

Whereas, the Legislature of the State of Maryland has evinced a disposition to encourage Agricultural labor, and has, by the appointment of a State Chemist awarded to that branch of industry the advantage of its aid in discoveries promotive to its profitable pursuit;—and whereas, the improvement and extension of the Mechanic Arts equally deserve the countenance and patronage of the State, and are alike conducive to individual happiness and State prosperity. And whereas, acting under the influence of an enlightened spirit, the Legislature of Maryland at its December Session, 1829, by resolution No. 45, did contribute through its Treasury to the promotion of Mechanic Arts, which contribution was continued until by disasters the Maryland Institute, the then object of her bounty, ceased to exist. And whereas that Institute has been revived and is now in advance progress, and it is proper that its utility should be enlarged,—

Resolved by the General Assembly of Maryland, That the Treasurer of the State of Maryland be and he is hereby directed, to pay annually to the President of the Maryland Institute for the Promotion of the Mechanic Arts, within one month after said Institute shall have held its annual exhibition, the sum of five hundred dollars; provided, it shall be shown to the Treasurer that the said Institute is in efficient operation at the time of such payment.

By Order,

G. G. BREWER, Clerk,

Maryland, to wit:

Be it remembered, and we hereby certify, that the aforegoing is a true copy of the resolution in favor of the Maryland Institute for the Promotion of the Mechanic Arts, which passed both branches of the General Assembly of Maryland, at December Session, 1849.

Given under our hands at the city of Annapolis, this 23d day of April, 1850.

GEORGE G. BREWER, Clerk House Delegates Md.

JOS. H. NICHOLSON, Clerk Senate Md.

CHARTER.

AN ACT INCORPORATING the Maryland Institute for the Promotion of the Mechanic Arts.

SECTION 1. Be it enacted by the General Assembly of Maryland, That the members of the Maryland Institute for the Promotion of the Mechanic Arts, and all those who shall hereafter become members, shall be, and are hereby incorporated and created a body politic, by the name, style and title of the "Maryland Institute for the Promotion of the Mechanic Arts;" and by that name shall have succession, and be able and capable in law to sue and be sued, to plead and be impleaded, in any court of record or elsewhere; to make, have and use a common seal, and the same at pleasure to alter or renew; to receive donations, gifts, grants, devices and bequests, or other conveyances of money, goods, chattles, effects, lands, tenements and estates, real and personal, and the same to hold, use, sell or otherwise dispose of, and convey, and generally to do all such acts, matters and things, as are or shall be necessary to carry into full effect the objects of the said corporation; provided always, that the property owned by said corporation shall not exceed in value one hundred and twenty thousand dollars.

Section 2. And be it enacted, That the members of the said corporation shall consist of Manufacturers, Mechanics, Artizans, and persons friendly to the Mechanic Arts, who shall hereafter be elected in such manner, and pay such sum annually, or in gross, or an annual or life subscription, as the Constitution or Bye-laws of the said corporation shall appoint and require: provided always, that two thirds of the board of Directors of said corporation shall be practical manufacturers or mechanics.

Section 3. And be it enacted, That the objects of the said corporation shall be the encouragement and promotion of manufactures and the mechanic and useful arts, by the establishment of popular lectures upon the sciences connected with them; by a formation of a school of design adapted to mechanical and manufacturing purposes; for providing a Library, Reading Room and a Cabinet of Minerals, Models and Mechanical Apparatus; for holding annual exhibitions or fairs for articles of American manufacture, and for offering premiums, or awards for excellence in those branches of national industry, deemed worthy of encouragement; by examining new inventions submitted for that purpose, and by such other means necessary for the accomplishment of their objects as experience may suggest.

Section 4. And be it enacted, That the affairs of the said corporation shall be conducted and managed by a President, a board of Directors, and by such other officers, and in such manner, as the constitution or bye-laws of the same shall authorise and provide; that such officers and directors shall be elected annually at a meeting of the said corporation to be held in the city of Baltimore on the second Wednesday in January; and that until the second Wednesday in January, in the year one thousand eight hundred and fifty one, the present Officers and Directors of the society. to wit: Joshua Vansant, President; James Murray and Edward Needles, Vice Presidents; Samuel Sands, Recording Secretary; William Prescott Smith, Corresponding Secretary, Thomas J. Clare, Treasurer; and Josiah Reynolds, C. W. Bentley, John Feast, Jesse Marden, W. Abrahams, Thomas Trimble, William Rodgers, E. Whitman, Jr., D. M. Adams, William Bayley, C. Conway, Rob't Earrickson, Samuel McPherson, William Fergusson, Isaac Brown, H. R. Hazlehurst, John F. Davis, James Young, William Peters, John T. Fardy, Samuel E. Rice, William Robinson, Ephraim Larabee and B. S. Benson, Directors, shall conduct the affairs of the said corporation conformably to the Constitution and articles promised and agreed to by the members previous to the passage of this act.

SECTION 5. And be it enacted, That the duties and rights of the members of the said corporation, the power and functions of the

officers thereof, mode of supplying vacancies in office, the time of meeting of said Corporation and of the Board of Managers, the number which shall constitute a quorum at any such meeting, the mode of electing members, the terms of their admission, the causes which shall justify their suspension or expulsion from the corporation, and all other concerns of said corporation shall be regulated by the Constitution and Bye-laws of said corporation now existing, or hereafter to be made, which the said corporation is hereby authorised and empowered to make and alter in the manner which may be therein mentioned; provided, that said Constitution and Bye-laws shall not be repugnant to or inconsistent with the Constitution or Laws of the United States or of the State of Maryland.

SECTION 6. And be it enacted, That said corporation shall not issue any note, scrip or bill of credit to circulate as a currency.

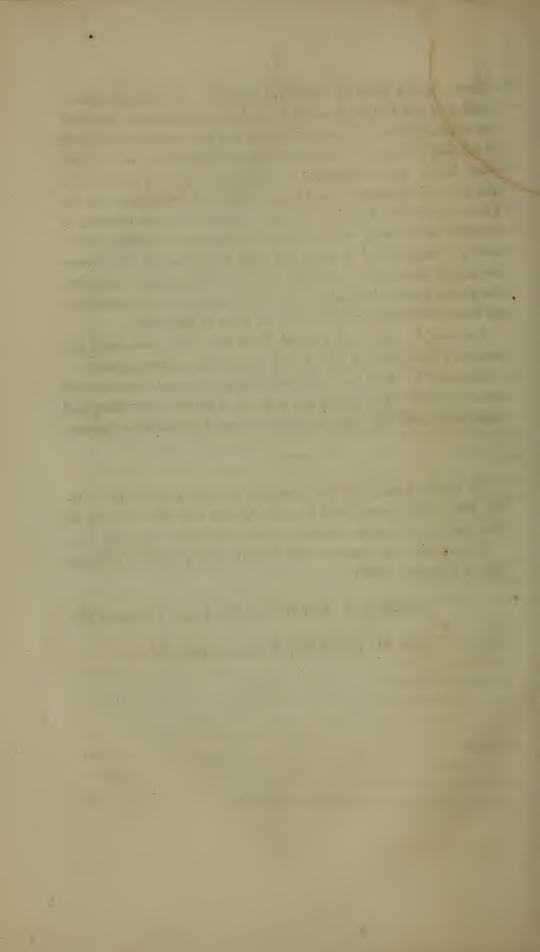
SECTION 7. And be it enacted, That said act of incorporation shall inure for thirty years, and that the Legislature of Maryland reserves to itself the right to amend or repeal the same at pleasure.

We hereby certify that the aforegoing is a true copy of the Original Bill which passed both branches of the General Assembly of Maryland at December Session, eighteen hundred and forty nine.

Given under our hands at the City of Annapolis, this fifteenth day of February, 1850.

GEORGE G. BREWER, Clerk House Delegates Md.

JOS. H. NICHOLSON, Clerk Senate Md.



OFFICERS FOR 1850.

PRESIDENT. JOSHUA VANSANT.

Vice-Presidents.

JAMES MURRAY, EDWARD NEEDLES.

Recording Secretary.

SAMUEL SANDS.

Corresponding Secretary.
W. PRESCOTT SMITH.

Treasurer.

THOS. J. CLARE.

BOARD OF MANAGERS.

JOSIAH REYNOLDS,
CHARLES W. BENTLEY,
JOHN FEAST,
JESSE MARDEN,
W. ABRAHAMS,
THO. TRIMBLE,
WM. RODGERS,
E. WHITMAN, Jr.,
C. CONWAY,
ROBERT EARRICKSON,
D. M. ADAMS,
WM. BAYLEY,

SAMUEL McPHERSON,
ISAAC BROWN,
H. R. HAZLEHURST,
JOHN F. DAVIS,
JAS. YOUNG,
WM. FERGUSSON,
WM. PETERS,
JNO. T. FARDY,
SAML. E. RICE,
WILLIAM ROBINSON,
E. LARRABEE,
B. S. BENSON.

STANDING COMMITTEES.

On Exhibitions.

CHAS. W. BENTLEY, Ch'm. THO. TRIMBLE, THO. J. CLARE, JOSIAH REYNOLDS, B. S. BENSON, JESSE MARDEN,

WM. ABRAHAMS, SAML. E. RICE, W. PRESCOTT SMITH.

On School of Design.

JAMES MURRAY, Ch'm. ROBT. EARRICKSON, JNO. F. DAVIS, SAML. E. RICE,

JAMES YOUNG, WM. FERGUSSON, WM. PETERS.

On Lectures.

EDW'D. NEEDLES, Ch'm. H. HAZLEHURST, W. PRESCOTT SMITH, SAM'L. McPHERSON,

WM. ROBINSON, D. M. ADAMS, EPHRAIM LARRABEE.

On the Library.

SAM'L. SANDS, Ch'm. WM. RODGERS, E. WHITMAN, Jr., JNO. FEAST,

WM. BAYLEY. ISAAC BROWN, C. CONWAY.

PREAMBLE.

Whereas, the Mechanics, Manufacturers and Artizans of the State of Maryland, impressed with the importance of fostering the inventive genius of their countrymen, of exalting the character of the members of their respective professions, and of increasing the trade and business of the commercial mart of the State, have associated themselves together, and obtained a charter from the Legislature of Maryland, under the name and title of the "Maryland Institute for the Promotion of the Mechanic Arts." To accomplish the objects in view, they have made provision—

1st. For holding an Annual Exhibition, where Mechanics, Manufacturers, Inventors and Artists, and all who may have made any discoveries in the Arts and Sciences, may be enabled to exhibit the productions of their skill and ingenuity, in competition for the medals, diplomas, and other prizes which may be offered by the Institute for superiority.

2dly. For the formation of a School of Design, adapted to Mechanical and Manufacturing purposes, in which the members of the Institute may be taught the art of Drawing and Designing, a branch of education so necessary in every business and profession connected with the Mechanic Arts.

3dly, In the establishment of Popular Lectures, on subjects connected with Manufactures, Mechanics, and the useful Arts—and

4thly. In the formation of a Library and Reading Room, a Cabinet of Minerals, Models, and Philosophical and Mechanical Apparatus.

And in order to make the necessary provision for effecting these desirable purposes, in obedience to the requisitions of the Charter, they have established the following Constitution and By-Laws for their government.

CONSTITUTION.

ARTICLE I.—NAME AND OBJECT.

- Sec. 1. This Association shall be known and designated as the "Maryland Institute for the Promotion of the Mechanic Arts."
- SEC. 2. The object of the Institute shall be the promotion and encouragement of manufactures and the mechanic and useful arts.

ARTICLE II.-MEMBERSHIP.

- SEC. 1. Any person may become a member of the Institute in the manner hereinafter provided for in the by-laws.
- SEC. 2. The members shall be divided into four classes, viz: Members, Junior Members, Life Members, Honorary and Corresponding Members.
- SEC. 3. Members shall be over twenty-one years of age, and friendly to the objects of the Institute.

Junior Members shall be minors, not younger than fourteen years of age.

Life Members shall be such persons as pay twenty-five dollars to the Institute for life membership.

Honorary and Corresponding Members shall be persons of distinguished reputation, in connexion with the objects of the Institute.

ARTICLE III.—OFFICERS.

The Officers of the Institute shall be, a President, two Vice Presidents, a Recording Secretary, a Corresponding Secretary, a Treasurer, and a Board of Managers, twenty-four in number, two-thirds of whom shall be practical manufacturers or mechanics, residents of the city of Baltimore.

ARTICLE IV .- MEETINGS.

- SEC. 1. The annual meeting of the Institute, for the election of officers, shall be held on the second Wednesday in April, and annually thereafter for the same purpose.
- Sec. 2. In default of an election at the annual meeting, the existing officers shall continue in office until others are properly elected.
- SEC. 3. At the annual meetings, the reports of the Treasurer and Board of Managers shall be read.
- SEC. 4. Special meetings shall be called by the President, on application of the Board of Managers, or at the written request of twelve members.
- SEC. 5. Monthly meetings of the Institute shall be held on the second Wednesday of each month.
- SEC. 6. At the monthly meetings, the ordinary business of the Institute shall be transacted, and the election of members shall take place.
- SEC. 7. Honorary and corresponding members shall be elected by the Board of Managers, who shall report such election to the next stated meeting of the Institute.

ARTICLE V.—QUORUM.

- SEC. 1. Any fifteen members present at the time and place appointed for holding the annual, special, stated and adjourned meetings, shall constitute a quorum for the transaction of the ordinary business of the Institute, but at annual meetings thirty members present shall be required for the election of officers.
- Sec. 2. All business shall be considered ordinary, except a proposition to dissolve the Institute, which shall be considered extraordinary, and shall require a majority of all the members to constitute a quorum for its consideration.
- SEC. 3. Notice of extraordinary business shall be given at least three months previous to that in which it is to be discussed.
- SEC. 4. At all stated meetings of the Board of Managers, seven members shall constitute a quorum for the transaction of business.

ARTICLE VI.—CONTRIBUTIONS.

Sec. 1. Members, on their election, shall pay to the Treasurer

an initiation fee of two dollars, and an annual subscription of three dollars.

SEC. 2. Junior members, on their election, shall pay to the Treasurer an initiation fee of one dollar, and an annual subscription of one and a half dollars, payable in the same manner as above stated. Junior members shall be entitled to all the benefits of the Institute, except voting.

ARTICLE VII.—ELECTIONS.

- SEC. 1. No member shall be entitled to vote if in arrears with his subscription; and in no case shall members be entitled to the benefits of the Institute, unless they have complied with all the requirements of the constitution and by-laws.
- SEC. 2. All nominations of elective officers must be made at least one month previous to the time of election; nevertheless, nominations may be made on the night of the election, provided a majority of the members present concur in a motion to that effect. An election to fill vacancies caused by death, resignation or otherwise, may be had at any stated meeting of the Institute.
- Sec. 3. All officers of the Institute shall be elected by ballot; and in case of a plurality of candidates, the lowest shall be withdrawn after each ballot succeeding the third.
- Sec. 4. The presiding officer shall have no vote while in the chair, except in case of a tie, of an election by ballot, or when the year and nays are called.

ARTICLE VIII.—MANAGEMENT.

The Board of Managers shall have the management of the funds of the Institute, and of all matters of finance connected therewith, and shall employ its revenues on the following objects, viz:

First. In providing an annual Exhibition or Fair of manufacturing and mechanical industry, to be held in the city of Baltimore.

Second. In the formation of a School of Design, adapted to mechanical and manufacturing purposes.

Third. In the establishment of popular Lectures, on subjects connected with manufactures, mechanics, and the useful arts.

Fourth. In the formation of a Library and Reading Room, a Cabinet of Minerals, Models and Philosophical and Mechanical Apparatus.

ARTICLE IX.—INCOMPETENCY OR UNFAITHFULNESS.

- SEC. 1. Officers found incompetent for, or unfaithful in the discharge of their duties, may be removed by a vote of a majority of the members present at any regular or stated meeting.
- SEC. 2. The Board of Managers may, and they are hereby authorised to declare the seat of any of their number vacant after an absence from the Board for three consecutive stated meetings, and report the same to the Institute. The Institute may fill the vacancy, in the manner hereinbefore provided.

ARTICLE X.—EY-LAWS AND RULES OF ORDER.

By-laws and rules of order for the government of the Institute, and prescribing the duties of the officers, may be made or amended at any stated or special meeting, provided two-thirds of those present concur.

ARTICLE XI.—ALTERATION OF THE CONSTITUTION.

To alter or amend this constitution, notice shall be given at any stated meeting of the Institute, stating the intended amendment; but it shall not be acted upon until the next or any subsequent meeting.

BY-LAWS.

ARTICLE L.—MEETINGS.

The meetings of the Institute shall be opened in November, December, January and February, at 7 o'clock; in March, April, September and October, at $7\frac{1}{2}$; and in May, June, July and August, at 8 o'clock.

ARTICLE II.—MEMBERS.

- SEC. 1. Persons who have been elected by the Institute shall sign their names to the constitution, and pay the initiation fee, before they shall be considered full members.
- SEC. 2. The annual contribution of members shall become due and payable on the first day of October, in each and every year.
- SEC. 3. No resignation of membership shall be accepted until all arrearages and dues are paid.
- SEC. 4. Members, on paying their yearly dues, shall, in the first place, receive a certificate of membership, signed by the President and Treasurer; and annually thereafter, the Treasurer's receipt shall be valid against any claim of the Institute for that year.

ARTICLE III.—DUTY OF THE PRESIDENT.

SEC. 1. It shall be the duty of the President to preside at all meetings of the Institute, and also of the Board of Managers, enforce a due observance of the constitution and by-laws, see that all officers and committees perform their respective duties, appoint all committees and officers not otherwise provided for, inspect and announce the result of all ballotings or other votes, and direct the Secretary to call special meetings when application is made in accordance with the constitution. He shall sign all orders on the Treasurer passed by the Board, and none others, and perform all other duties devolving upon the President, under the constitution and by-laws.

SEC. 2. In the absence of the President, one of the Vice Presidents in order shall preside; and in the absence of all these, a President pro tem. shall be chosen, who shall be invested with all the powers of the President.

ARTICLE IV.—DUTY OF THE RECORDING SECRETARY.

The Recording Secretary shall keep a fair and impartial record of the proceedings of the meetings of the Institute, and of the Board of Managers; he shall give notice of the stated and special meetings, both of the Institute and Board; he shall also keep a correct roll of all the members, alphabetically arranged, and notify resident members of their election. All books under his charge shall be subject to the examination of the members of the Institute. He shall attest to all monies ordered to be paid by the Board of Managers, and none other. He shall, on all occasions, notify all committees of their appointment, and furnish the chairman of each committee with so much of the proceedings as relate to the object for which they were appointed, and perform all other duties that may be required of him by the Institute.

ARTICLE V.-DUTY OF THE CORRESPONDING SECRETARY.

The Corresponding Secretary shall answer all letters addressed to the Institute; shall open and maintain such correspondence as may tend to advance its interests, under the direction of the Board of Managers, and keep a record thereof, which record shall be open to the examination of the members. He shall acknowledge the reception of all donations to the library, cabinet, &c., and shall notify their election to all honorary and corresponding members.

ARTICLE VI.—DUTY OF THE TREASURER.

SEC. 1. The Treasurer shall receive all monies of the Institute, and safely keep the same in such place and manner as the Board of Managers may direct; he shall make no payments without written vouchers from said Board, attested by the signatures of the President and Secretary; he shall keep full and accurate accounts of his receipts and disbursements, and shall exhibit a true statement thereof at the stated meetings of the Institute, and to the Board of Managers, whenever called on to do so.

- SEC. 2. He shall deposit, in such bank as the Board of Managers may direct, all monies received by him over and above \$50, and shall, at every regular meeting, lay before the Board of Managers his bank book, and book of receipts and expenditures.
- SEC. 3. He shall draw no money from bank except by check, signed by himself, and countersigned by the President or Recording Secretary.

ARTICLE VII.—DUTY OF THE BOARD OF MANAGERS.

- SEC. 1. All the officers of the Institute shall be ex-officio members of the Board of Managers.
- SEC. 2. It shall be the duty of the Board, as soon after their election as possible, to elect the following committees, viz: Committee on Exhibitions, to consist of nine; Committee on School of Design, to consist of seven; Committee on Lectures, to consist of five; Committee on Library, to consist of five; and also a Librarian.
- SEC. 3. The Board of Managers shall have charge of all matters of finance, and the various concerns of the Institute, which may not otherwise be provided for, with authority to devise and execute all measures which, in their judgment, may advance its interests—reporting the same at the next stated meeting of the Institute, for its sanction.
- SEC. 4. The Board shall keep regular minutes of their proceedings, in a book prepared for that purpose.
- SEC. 5. The Board shall hold regular stated meetings of their own body once in each month. They shall enact such rules and regulations, for their own government, as they may deem requisite.
- Sec. 6. Seven of their number shall constitute a quorum, at any stated meeting, for the transaction of business; but at any special meeting, thirteen members shall be necessary for a quorum.

ARTICLE VIII.—DUTY OF THE COMMITTEE ON EXHIBITIONS.

It shall be the duty of this Committee to make all the necessary arrangements for holding the annual exhibitions, at such time and place as the Board may designate. They shall have power to make all necessary contracts and disbursements, to carry out fully the object of the Institute in holding the Exhibition. They shall

have prepared such gold and silver medals, diplomas, or other awards, as the Board may direct, as premiums for the best first, second and third class American productions, to be awarded by competent and impartial judges. They shall nominate, subject to the approval of the Board of Managers, judges on the several classes, and as soon after the opening of the Exhibition as possible, classify the articles exhibited, and afford the judges the best opportunity for their examinations.

ARTICLE IX.—DUTY OF COMMITTEE ON SCHOOL OF DESIGN.

It shall be the duty of the Committee on School of Design to make the necessary arrangements for opening the same, on the second week in November, and continue open four months. They shall employ a competent teacher to take charge of the School; they shall have the entire control thereof, and be personally present, as much as possible, during the session.

ARTICLE X.—DUTY OF THE COMMITTEE ON LECTURES.

It shall be the duty of the Committee on Lectures to make arrangements for a course of lectures, to commence the second week in November, to be delivered at such times and place as they may determine.

ARTICLE XI.—DUTY OF THE COMMITTEE ON THE LIBRARY.

It shall be the duty of the Committee on the Library to purchase all suitable books, maps, &c., to the extent of the funds appropriated. They shall see that the Librarian performs the duties required of him. They shall make such rules and regulations, for the government of those who visit the library rooms, as they may deem expedient and proper. They shall see, from time to time, what books are out of order, or require re-binding, and have the same put in order. They shall, as circumstances may require, appoint or reappoint a Librarian, subject to the approval of the Board of Managers.

ARTICLE XII.—DUTY OF THE LIBRARIAN.

It shall be the duty of the Librarian to take charge of the rooms of the Institute, keep them in proper and comfortable order for the use of the members, and open the same at such hours as the Board of Managers may direct. He shall have charge of the library, of the cabinet of minerals, models, philosophical and mechanical apparatus, &c., and be responsible for the safe keeping of the same. He shall perform all other duties required of him by the Committee on the Library, or the Board of Managers.

ARTICLE XIII.—CONTRIBUTIONS.

- SEC. I. No member of the Institute shall be entitled to vote if in arrears with his subscription; and any member whose subscription shall remain unpaid six months after the same shall have been due, shall forfeit his membership, and shall not again be eligible until all arrears are paid.
- SEC. 2. No resignation of membership shall be accepted until all arrearages and dues are paid. No member shall be entitled to vote for officers, or attend any exhibition, course of lectures, or the school of design, who is in arrears to the Institute.

ARTICLE XIV.—ELECTIONS.

In all elections for officers of the Institute, a majority of the whole number of votes cast shall be necessary for a choice.

ARTICLE XV.—BY-LAWS AND RULES OF ORDER.

- SEC. 1. Any alteration, amendment or addition to these By-Laws shall be submitted, in writing, to one meeting, and acted on at the next stated meeting, when, if a majority vote for it, it shall be adopted, and become part of the by-laws of the Institute; or it may be passed at the meeting wherein it was proposed, provided it receive the vote of three-fourths of the members present.
- SEC. 2. No Rule of Order shall be amended or repealed, nor shall any additions be made thereto, unless a proposition for that purpose be presented, in writing, at least one meeting previous to the consideration thereof, when, if two-thirds of the members present voting agree thereto, it shall be adopted; but a rule of order may be suspended at and for any meeting, by a two-third vote.

RULES OF ORDER.

RULE I.

The following shall be the order of business at each meeting of the Institute:

- 1. The President shall take the chair at the appointed hour, and call the meeting to order.
- 2. The minutes of proceedings of the last preceding meeting read and considered, except at special meetings, when the business for which the Institute was convened shall be first in order.
 - 3. Same as to minutes of special meetings.
- 4. Proposal of candidates for membership, and election of the same.
 - 5. Reading of correspondence.
 - 6. Announcement of donations.
- 7. Report of Board of Managers, Treasurer, &c. read and considered.
 - 8. Reports of special committees read and considered.
 - 9. Disposition of deferred or unfinished business.
 - 10. Resignations considered.
 - 11. New business.

RULE II.

Should the foregoing order of business not be completed at any one meeting of the Institute, the order shall be resumed at the next meeting, where it stopped at the previous meeting, except that the first five branches of the foregoing order shall be called at each meeting.

RULE III.

The President, while presiding, shall state every question coming before the Institute, before suffering debate thereon, and, immediately before putting it to vote, shall ask, "Is the Institute ready for the question?"

RULE IV.

When the decision of the President on points of order is appealed from, he shall state his decision, and his reasons therefor, from the chair. The party appealing shall then briefly state the reason for his appeal. After which, without further debate, the question shall be put thus, "Shall the decision of the chair stand as the judgment of the Institute?"

RULE V.

Every member, while speaking, shall confine himself to the question under debate; and avoid all personality and indecorous language.

RULE VI.

Should two or more members rise to speak at the same time, the chair shall decide who shall have the floor.

RULE VII.

No member shall disturb another in his speech, except to call him to order.

RULE VIII.

If a member, while speaking, shall be called to order, at the request of the chair he shall cease speaking, and take his seat until the question of order is determined, when, if permitted, he may again proceed.

RULE IX.

No member shall speak more than once on the same question until all the members wishing to speak shall have an opportunity so to do, nor more than twice, without permission of the chair.

RULE X.

All resolutions shall be reduced to writing before the President shall state the same to the Institute.

RULE XI.

When a blank is to be filled, the question shall be taken first upon the highest sum or number, and the longest time proposed.

RULE XII.

Any member may call for a division of a question when the sense will admit of it.

RULE XIII.

When a question is before the Institute, no motion shall be received, unless to adjourn, to take the previous question, to lay on the table, to postpone indefinitely, to postpone to a definite time, to refer, or to amend; and they shall have precedence in the order herein arranged, the first four of which shall be decided without debate.

RULE XIV.

If a motion to adjourn be adopted, and the Institute has not previously resolved on the adjournment, to meet at a particular period, the effect of the motion shall be to adjourn to the next succeeding regular meeting.

RULE XV.

The motion to take the previous question, may be made by any two members, and shall be put in this form, "shall the main question be now taken?" and if adopted, the effect shall be to take the question on the original resolution, embracing the amendments already offered, to the exclusion of all debate.

RULE XVI.

The effect of the motion to lay upon the table, if adopted, shall be to prevent the question being taken up again on the same evening without a two third vote.

RULE XVII.

No resolution which has been rejected or indefinitely postponed, shall be renewed at the same meeting, unless reconsidered as provided for in the 18th rule.

RULE XVIII.

All votes, other than on amendments to the By-Laws or Rules

of Order, may be reconsidered at the same or next regular meeting, upon a motion made and seconded by two members who voted in the majority, provided the Institute agree thereto; but after a motion to reconsider has once been lost, it shall not be renewed.

RULE XIX.

Every member present shall vote on all questions before the Institute, unless incapacitated under the provisions of the constitution and By-Laws.

RULE XX.

A motion to excuse a member from voting shall be put without debate.

RULE XXI.

When a motion has been declared carried or lost by the usual manner of voting, any member, before the Institute proceeds to other business, may call for a count, but the yeas and nays cannot be called unless demanded by a majority of those present.

RULE XXII.

All reports of committees shall be in writing, and when read to the Institute, shall be considered as accepted, without a vote, unless objection be made thereto.

RULES OF ORDER

FOR THE GOVERNMENT OF THE

BOARD OF MANAGERS.

1st. The times of Meeting of the Institute, shall govern the meetings of the Board.

2d. The President of the Institute shall be Chairman of the Board, and in his absence a chairman pro tem. shall be chosen.

3d. Seven members shall constitute a quorum at all stated meetings—but at other meetings a majority shall be necessary.

4th. At the appointed hour of stated meetings, the chairman shall call the Board to order, when the roll shall be called, and all absentees fined $12\frac{1}{2}$ cents.

5th. Members who shall appear within ten minutes after roll call, shall be exempt from fine—all others appearing after that time shall be fined $6\frac{1}{4}$ cents.

6th. The first business after roll call shall be the reading and approval of the proceedings of the previous meeting—then Unfinished Business—Correspondence—Donations—Reports of Standing Committees—and New Business.

7th. No member shall speak more than twice on any subject, nor longer than 5 minutes at any one time, without special permission of the Board.

Sth. When a member is addressing the chair on any subject, the members shall observe silence.

9th. When a subject is under consideration no motion shall be made, but to adjourn, lie on the table, postpone, to amend, or the previous question.

10th. A motion for the previous question, to adjourn, or to lie upon the table, shall always be taken without discussion.

11th. In voting on any question, the chairman shall always give the casting vote, if there is a tie.

12th. The funds collected for fines shall be safely kept by the chairman, and the board shall, at its last meeting previous to a new election, dispose of them as it may please to determine.

13th. Absence from the city, or personal or family sickness shall be a sufficient excuse for non-attendance.

MEMBERS OF THE INSTITUTE For 1850.

A.

Adams, D. M. Anderson, Jas. M. Ayers, John C. Andrews, Geo. W. Abbott, E. A. Armitage, Jas. Anderson, Thos. D. Adams, Joshua Abrahams, Woodward Anderson, Wm. Jr. Audoun, Lewis Adams, John C. Addison, Samuel S. Abbott, Horace Amos, James Amos, Corbin Abrahams, W. Armstrong, J. Alnutt, Jos. W. Ames, Wm. F. Jr. Armor, Jos. J. Adair, John Atwell, R. H. Ashton, Wm. C. Addison, Geo. C. Achey, Charles F. Albaugh, Henry C.

B

Ballman, Wendell Bull, Isaac

Brown, Jehu Baker, F. S. Ballard, Thos. J. Jr. Boyd, Wm. A. Bargar, Deter Bishop, Richard Bayley, Wm. Bryson, James Barnes, John H. Bonn, Josiah Ballard, S. E. Bolton, Hugh Boyd, Wm. Jr. Burgess, Benj. F. Jr. Baynes, John B. Jr. Blass, Wm. H. Browning, John W. Beacham, John S. Boyd, J. Howard Brown, Geo. L. Brown, Jas. L. Jr. Brogden, Jas. Jr. Brummel, Augs. O. Jr. Bentley, Chas. W. Brown, Isaiah Boyd, Samuel Benson, Benj. S. Brown, Isaac Banks, Samuel B. Balderston, Jacob Balderston, Wilson Baylis, Jas. R. Bartlett, D. L. Brotherton, Jas. P.

Ball, Jas. H. Bateman, Wm. L. Bridges, Wm. Barnes, John H. Brooks, John Baughman, Francis M. Brown, Wm. Biddle, Peregrine Baruech, J. W. Bierbower, L. Brown, John S. Buck, John Jr. Bradford, Geo. P. Burrows, Jacob Browning, Wm. S. Belt, T. H. Jr. Baylow, L. Bandel, Geo. L. Butler, Samuel Bruce, Jas. A. Bayley, H. J. Brown, Chris. F. Broadbeck, Wm. Bandel, Grafton Jr. Brummell, August C. Brookhart, R. A. Brunner, James

C

Clare, Thomas J. Cox, John R. Coles, William Clampitt, Elias Conradt, T. M. Cariss, Sampson Cloud, C. F. Cross, R. J. Campbell, A. D. Champness, Cornell, Michael Cortlan, James Curlett, John Jr. Coleman, Chester Carson, James F. Chesnut, Wm.

Conradt, J. G. Conaway, C. Corbitt, Emanuel Jr. Cole, Wm. P. Curlett, John Cole, Nathan Caldwell, Wm. Q. Clark, Levin P. Child, Samuel Cohen, Jacob J. Crawford, William Cleveland, A. A. Coulton, Thos. B. Jr. Clendinen, Robert Cook, John F. Craft, John W. Caskey, Robert Craft, John W. Coppuck, James Cassard, Francis W. Cathcart, Wm. H.

D.

Denmead, Adam Dennis, Jonathan Jr. Davis, Willis Doten, Orlando N. Denmead, Francis Jr. Dodge, Geo. R. Daffin, Benjamin Daniels, Walter Denmead, Talbott Donaldson, S. S. Dixon, Thos. Dunlap, Charles Davis, Geo. A. Devalin, Hugh Davis, Alex. McD. Duvall, A. Davis, John F. Davis, Wm. H. Jr. Duncan, H. W. Dushane, Nathan Dugan, Henry Jr. Duhurst, Peter

Dushane, John A. Jr. Dugan, Henry Dushane, John A.

Ε.

Eckelmann, H. S.
Earickson, Thomas
Earickson, Robert
Ellicott, B. H.
Erhman, John
Emich, Daniel Jr.
Earickson, Vincent O. Jr.
Eisenbrandt, C. H.
Emery, John B.
Earickson, Thos. B. Jr.
Eastman, H. W. Jr.
Easter, Robert A.

F.

Furgusson, Wm.
Fussell, Jacob Jr.
Fardy, John T.
Fouse, Jacob M.
Furgusson, W. B.
Feast, John
Flannagan, Andrew
Finney, C. McLane Jr.
Fulton, Thos. H.
Fulton, L.
Fowler, Francis
Ford, C. W.
Fales, Nathan
Fisher, Francis A.

G.

Gore, Amos
Gardner, James
Gardner, Alfred
Green, Henry
Grape, Jacob
Gelston, Hugh
Golder, Jas. C.
Green, Jacob

Gilmer, Robert Jr. Gatch, Conduce Gwynn, Robert Gorsuch, John Gaehle, Henry Gould, James Gates, Ezra Gambrill, Horatio N. Griffith, G. S. Gill, Jabez Gilmor, J. D. Gott, Thos. Jr. Gunda, Jacob, Jr. Gilpin, James S. Gaehle, Henry, Jr. Gardner, W. G. Jr. Glenn, Samuel, Jr. Gibbs, James W. Jr. Gable, John Gill, Noah Griffith, Jeffrey M. Gardner, W. G. Glenn, Samuel Gibbs, James W. Gable, John Grice, Edward L.

H

Henderson, Wm. Holland, John C. Hooper, Robert Hack, Richard S. Hilderbrandt, Wm. Jr. Hunt, G. H. Jr. Holtzman, John D. Jr. Hunt, Thos. H. Hinds, Samuel Herzof, John Jr. Hilderbrandt, Herman Holloway, Chas. Jr. Hannan, John Jr. Hughes, C. H. Jr. Holtzman, E. K. Jr. Holt, Enoch Jr. Heath, F. W.

K

Hunt, Jesse Hollins, R. S. Harrison, Joseph O. Hazelhurst, H. R. Hudson, David W. Hoss, John F. Haskell, John H. Hays, Samuel J. Hiss, Wm. H. Hubball, E. Jr. Hull, Wm. Hook, R. W. Harris, Samuel Hunt, Isaac Hoover, J. S. D. Jr. Hays, Robert Horn, Mathew Holden, E. P. Hinks, Charles D. Hill, John H. Hibbard, Israel Hogg, Wm. Heaton, H. H. Hillen, Sol. Jr. Hindman, William Hardesty, John Hardtner, John Heron, James A. Hawkins, Charles

J.

Johnson, Franklin Jacobs, James M. Jenkins, J. W. Irons, Edwin Johnson, W. R. Jr. Johnson, W. R. Jr. Johnson, W. Jr. Johannes, J. H. Jenkins, Geo. A. Jeffreys, Thos. Joekel, Conrad Jackson, Peter Jr. Jenkins, H. Jarrett, A.

Kemp, Jos. F. Kennedy, Wm. Kelly, Joshua C. Kennedy, J. P. Knight, Nathaniel Krebs, G. W. Kennedy, Wm. Kessler. John S. Jr. King, Wm. H. Jr. Keener, Chas. Jr. Kesmodel, M. J. Jr. Kirk. C. H. Jr. Knabe, Wm. King, Glendy Kelly, Joseph Knotts, James A. Kehlenbeck, Henry W.

L.

Lawton, John L. Loud, Joseph E. Linton, Wm. Latrobe, J. H. B. Lucas, F. Jr. Larrabee, Ephraim Lovegrove, T. J. Lee, S. S. Lycett, Edward L. Lucas, John Larrabee, H. C. Jr. Lucas, Thos. Jr. Leslie, Robert Lovegrove, James Logan, H. M. Lesley, C. Lambdin, W. G. Jr. Loney, W. A. Leach, Geo. T. Lovejoy, Samuel A. Jr. Larrabee, E W. Lebrathwaite, John L. Lamb, Thomas P. Latrobe, Benjamin H. M.

Matthiot, A. B. Murray, Wm. Jr. Morris, Chas. T. McCauley, W. L. Murphy, John McPherson, James Meredith John F. Metz, Richard Jr. Merchant, Joseph Martin, David Matthews, Samuel H. Jr. Moore, Wm. W. Magne, H. Mayger, Richard Maughlin, Wm. M. Miller, Wm. H. Jr. Martin, John Matthews, Thos. J. Millholland, R. D. Jr. Miller, John P. McKim, John S. Miller, James Murdock, Richard Mathews, Thomas Musgrave, James Merriam, Wm. W. Marley, Richard Middleton, R. H. Motter, Theodore Musser, W. R. Jr. Miller, Horatio Mitchell, E. T. Marden, J. Jr. Mills, S. S. Middleton, J. W. Middleton, Robert Jr. McShane, H. Jr. Mills, Franklin Jr. Mayger, R. R. Jr. Merker, Wm. A. Jr. Minnifee, Wm. McMullen, John Martin, Samuel Mathiot, George

Mullen, P. H. Millholland, James McPherson, Samuel Murray, James Miller, Enoch Marden, Jesse Murray, James Miller, Wm. McKim, Wm. McKim, Haslett Mause, R. C. Morgan, C. C. Millikin, James H. Merrill, James H. Mohler, Edward Matthews, Joseph Mullen, Thomas Jr. Manning, J. C. Morris, George W. McCullum, Hugh Mayger, Richard Merker, Wm. A. Mark, Jacob J. Miles, Samuel Mahaney, John

N.

Needles, Edward
Needles, E. M.
Newman, W. W.
Neilson, James C.
Ninde, James C.
Needles, Charles E.
Numsen, Peter
Neely, R. W.

Ogle, Charles
Ogden, Major C. A.
Odell, James H.
Oler, Wm. H.
Olhaber, C.
Onion, Edward W. Jr.

P. Peddle, Cornelius

Phelps, J. B. T. Jr. Pennington, J. Paine, Allan Parker, Nathan Pratt, Wm. Perine, Maulden Pope, Geo. A. Jr. Phillips, J. T. Jr. Price, John H. Jr. Patten, Charles Jr. Phillips, Isaac Pope, Daniel F. Jr. Phillips, Isaac Pope, Daniel F. Peters, Wm. C. Phillips, James

Q.

Quail, G. K.

R.

Rowe, Spencer W. Jr. Roach, George J. Rodgers, John Reynolds, Josiah Robinson, G. W. Robinson, J. S. Robinson, E. W. Robinson, Wm. Rodgers, Wm. Reasin, Wm. H. Rodgers, H. J. Rouselot, Charles Jr. Russell, James Rodgers, George H. Rodgers, Evans Rice, Samuel E. Rea, Adam Reynolds, Henry Reynolds, Jesse K. Rhodes, Zachariah Reese, J. W. Reeder, Charles Russell, Wm. Rodenmayer, John

Reip, Alfred H. Reintz, Christ. Reese, Wm. Rich, Wm. Jr. Robb, E. T. Jr. Rodgers, Wm. F. Jr. Rose, Henry C. Jr. Reese, Henry Jr. Reynolds, Israel C. Rodenmayer, F. T. Roter, Frederick A. Rose, Henry Reese, Henry Reynolds, Israel C. Rodenmayer, Francis T. Roter, Fred. A. Richstien, J. C. Rusk, T. Jefferson

S.

Stapleton, Joseph H. Smith, Samuel Sanders, J. M. Scott, F.J. Slaney, J. M. Jr. Stabler, Edward H. Shannon, J. P. Sands, Samuel Smith, W. P. Stewart, W. D. Scott, Thomas R. Stapleton, R. E. Stokes, Isaiah Smull, David B. Stansbury, Elijah Swain, J. H. Stewart, C. J. Spear, Wm. Shannon, L. W. Smith, Francis Seger, J. H. Shoemaker, W. S. Stevens, S. S. Shriver, J. A. Sisson, Hugh

Snowden, Henry Slicer, Wm. Skinner, John Suter, James S. Smith, Asa Jr. Shipley C. E. Jr. Sexton, S. B. Scott, J. B. L. Slack, Jossph H. Snyder, J. H. Stall, Wm. Smith, Wm. H. Seager, Thomas Stocket, James T. Sanders, John Jr. Shew, Jacob Stewart, Joseph W. Suter, Charles Stump, T. B. C. Jr. Shriver, Francis Shoemaker, J. H. Small, George Shaffee, F. L. Stow, Thomas Jr. Slicer, E. A. Sides, H. C. Sykes, James Stewart, John Sitler, Isaac W. Spencer, G. F. Stabler, Francis Stone, J. H. Stran, Wm. H. Shack, George W. Share, Richard Sparhawk, S. Simms, Joseph Smith, B. E. Starr, Benj. F. Smith, Jas. B. Suter, John Shepherd, Moses Schoolfield, L. A. Steer, Lewis Jr. Shipley, Charles E. Sexton, S. B.

Scott, John B. L. Slack, Joseph H. Schmidt, William Stevenson, Dr. Snyder, J. H.

T.

Thompson, Samuel Townsend, Samuel Thomas, Joseph Jr. Thomas, Joseph Sen. Thomas, Joseph B. Thomas, Jacob B. Jr. Trimble, Thomas Tyson, Isaac Tarlton, Wm. A. Thomas, Johnson P. Troxell, T. F. Torney, P. J. Tegmeyer, J. H. Tyson, Henry Tucker, J. H. Trimble, Samuel Trayser, P. P. Trump, Charles Trump, Newbold Jr. Tilden, Thomas E. Taylor, Robert Q. Tough, John S. Thomas, Sterling Tarr, Edwin S. Tucker, Samuel L. Turner, John C. Tyler, G. C. Tall, William Taylor, William S. Turner, Joshua M. Trott, Wm. H. Jr. Taylor, Samuel G. Jr. Trotten, Thomas
Trump, Michael Jr. Tishmeyer, L. Thompson, E. G. Jr. Taylor, Wm. J. Jr. Taylor, Wm. S. Jr.

Townsend, W. D. Jr. Tarr, T. M.

V.

Vansant, Joshua Vails, Benjamin Vansant, T.

W.

White, Thomas P. Whistler, George W. Jr. Wysong, Wm. A. Wiesenfield, Moses Watkins, J. Wesley Walsh, Wm. H. Witman, George Waite, R. C. Wright, Joel Wilson, Robert Wells, John Winchester, Wm. Wilson, B. H. Webb, Charles Wise, M. Webb, Geo. W. Woody, R. H. Whitman, E. Jr. Winans, Ross

Wethered, John Wise, J. J. Wade, John Welsh, John Woodcock, Jesse Woodcock, John R. Jr. Wright, W. E. Watts, G. D. H. Jr. Wilson, John H. Washington, James H. Wickersham, John Wilson, Samuel Warner, A. E. Jr. Williams, J. J. Whitmarsh, G. Wright, Wm. Wheeler, Jas. C. Wood, Thos. Walker, N. D. Jr. Wheeler. Wm. T. Jr. West, Charles Washington, John Wallace, R. D. Watson, James T.

Y

Young, James Young, John Young, Joshua

ROOMS OF THE INSTITUTE,

NORTH-EAST CORNER OF NORTH AND FAYETTE STREETS, OVER THE POST OFFICE.

CHARTER,

CONSTITUTION

AND

BY-LAWS

OF THE

MARYLAND INSTITUTE,

FOR THE

PROMOTION OF THE MECHANIC ARTS;

TOGETHER WITH A LIST OF ITS MEMBERS, JUNIOR MEMBERS, LIFE MEMBERS, HONORARY MEMBERS, &C. &C.

TO WHICH IS ADDED:

THE ADDRESS BY S. TEACKLE WALLIS, ESQ.

AN HONORARY MEMBER OF THE INSTITUTE,

Delivered at the Laying of the Corner Stone of the Hall, on the 13th March, 1851.

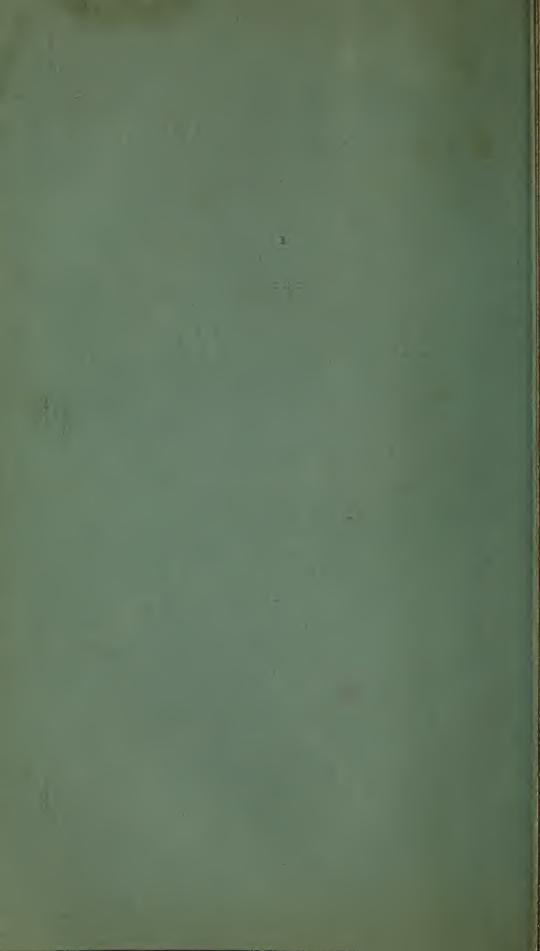
FORMED JANUARY 12th, 1848—and Incorporated at December Session of the Maryland Legislature, 1849.

BALTIMORE:

PRINTED BY SANDS & MILLS,

No. 128 Baltimore street.

1851.



CHARTER,

CONSTITUTION

AND

BY-LAWS



OF THE

MARYLAND INSTITUTE,

FOR THE

PROMOTION OF THE MECHANIC ARTS;

TOGETHER WITH A LIST OF ITS MEMBERS, JUNIOR MEMBERS, LIFE MEMBERS, HONORARY MEMBERS, &c. &c.

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BALTIMORE:

PRINTED BY SANDS & MILLS,

No. 128 Baltimore street.

1851.



The REGULAR MEETINGS are held as follows:

OF THE INSTITUTE—Monthly—2d Wednesday evening.
OF THE BOARD OF MANAGERS—Monthly—1st Monday evening preceding.

TIMES OF MEETING.

The Institute.—At 7 o'clock P. M. in November, December, January and February; at $7\frac{1}{2}$ o'clock in March, April, September and October; and at 8 o'clock in May, June, July and August.

Board of Managers.—At the same hours as the Institute.

SCHOOL OF DESIGN.

The School opens three evenings in the week, (beginning third week in November, and lasting four months,) at $7\frac{1}{4}$ o'clock.

LECTURES.

The Lectures before the Institute, begin during the last week in November, and take place either weekly or twice a week until the close of the season, which is in March. They are duly advertised in the daily papers as they are about to be held.

LIBRARY AND READING ROOMS.

Open every evening (except Sunday,) from dusk till 10 P. M.

TERMS OF MEMBERSHIP.

THREE DOLLARS PER ANNUM, and two dollars on joining, taking five dollars for the first year, payable in advance, on the st day of October.

Twenty-five dollars will constitute any person a Member for

No Member or Junior Member will be entitled to admission to the Exhibition, Lectures, School of Design, Library, &c., until his annual contribution for the current year shall be paid.

Junior Members, (youths between 14 and 21 years) are admitted to all the privileges of Members, except voting at the Institute's meetings, and are charged but half the sum levied upon Members, or one dollar and fifty cents yearly, and two dollars and fifty cents for the first year.

Resolution of the General Assembly of Maryland, granting an Annuity of \$500 to the Institute,adopted February 8th, 1850.

> By THE House of Delegates, February 8th, 1850.

WHEREAS, the Legislature of the State of Maryland has evinced a disposition to encourage Agricultural labor, and has, by the appointment of a State Chemist, awarded to that branch of industry, the advantage of its aid in discoveries promotive to its profitable pursuit; -and whereas, the improvement and extension of the Mechanic Arts equally deserve the countenance and patronage of the State, and are alike conducive to individual happiness and State prosperity; -and whereas, acting under the influence of an enlightened spirit, the Legislature of Maryland at its December Session, 1829, by resolution No. 45, did contribute through its Treasury to the promotion of Mechanic Arts, which contribution was continued until by disasters the Maryland Institute, the then object of her bounty, ceased to exist; -- and whereas, that Institute has been revived and is now in advance progress, and it is proper that its utility should be enlarged,-

Resolved by the General Assembly of Maryland, That the Treasurer of the State of Maryland be and he is hereby directed, to pay annually to the President of the Maryland Institute for the Promotion of the Mechanic Arts, within one month after said Institute shall have held its annual exhibition, the sum of Five Hundred Dollars; provided, it shall be shown to the Treasurer that the said Institute is in efficient operation at

at the time of such payment.

By Order,

G. G. BREWER, Clerk.

Maryland, to wit:

Be it remembered, and we hereby certify, that the aforegoing is a true copy of the resolution in favor of the Maryland Institute for the Promotion of the Mechanic Arts, which passed both branches of the General Assembly of Maryland, at December Session, 1849.

Given under our hands at the City of Annapolis, this 23d day of

April, 1850.

GEORGE G. BREWER, Clerk House Delegates Md. JOS, H. NICHOLSON, Clerk Senate Md.



CHARTER.

AN ACT INCORPORATING the Maryland Institute for the Promotion of the Mechanic Arts.

Section 1. Be it enacted by the General Assembly of Maryland, That the members of the Maryland Institute for the Promotion of the Mechanic Arts, and all those who shall hereafter become members, shall be, and are hereby incorporated and created a body politic, by the name, style and title of the "Maryland Institute for the Promotion of the Mechanic Arts;" and by that name shall have succession, and be able and capable in law to sue and be sued, to plead and be impleaded, in any court of record or elsewhere; to make, have and use a common seal, and the same at pleasure to alter or renew; to receive donations, gifts, grants, devices and bequests, or other conveyances of money, goods, chattles, effects, lands, tenements and estates, real and personal, and the same to hold, use, sell or otherwise dispose of, and convey, and generally to do all such acts, matters and things, as are or shall be necessary to carry into full effect the objects of the said corporation; provided always, that the property owned by said corporation shall not exceed in value one hundred and twenty thousand dollars.

Section 2. And be it enacted, That the members of the said corporation shall consist of Manufacturers, Mechanics, Artizans, and persons friendly to the Mechanic Arts, who shall hereafter be elected in such manner, and pay such sum annually, or in gross, or an annual or life subscription, as the Constitution or Bye-Laws of the said corporation shall appoint and require: provided always, that two-thirds of the board of Directors of said corporation shall be practical manufacturers or mechanics.

Section 3. And be it enacted, That the objects of the said corporation shall be the encouragement and promotion of manufactures and the mechanic and useful arts, by the establishment of popular lectures upon the sciences connected with them; by the formation of a School of Design adapted to mechanical and manufacturing purposes; for providing a Library, Reading Room and a Cabinet of Minerals, Models and Mechanical Apparatus; for holding Annual Exhibitions or Fairs for articles of American manufacture, and for offering Premiums, or awards for excellence in those branches of national industry, deemed worthy of encouragement; by examining new inventions submitted for that purpose, and by such other means necessary for the accomplishment of their objects as experience may suggest.

Section 4. And be it enacted, That the affairs of the said corporation shall be conducted and managed by a President, a board of Directors, and by such other officers, and in such manner, as the constitution or bye-laws of the same shall authorise and provide; that such officers and directors shall be elected annually at a meeting of the said corporation to be held in the city of Baltimore on the second Wednesday in January; and that until the second Wednesday in January, in the year one thousand eight hundred and fifty-one, the present Officers and Directors of the Society. to wit: Joshua Vansant, President; James Murray and Edward Needles, Vice Presidents; Samuel Sands, Recording Secretary; William Prescott Smith, Corresponding Secretary; Thos. J. Clare, Treasurer; and Josiah Reynolds, C. W. Bentley, John Feast, Jesse Marden, W. Abrahams, Thomas Trimble, William Rodgers, E. Whitman, Jr., D. M. Adams, William Bayley, C. Conway, Robert Earrickson, Samuel McPherson, William Fergusson, Isaac Brown, H. R. Hazlehurst, John F. Davis, James Young, William Peters, John T. Fardy, Samuel E. Rice, William Robinson, Ephraim Larabee and B. S. Benson, Directors, shall conduct the affairs of the said corporation conformably to the Constitution and articles promised and agreed to by the members previous to the passage of this act.

SECTION 5. And be it enacted, That the duties and rights of the members of the said corporation, the power and functions of the

officers thereof, mode of supplying vacancies in office, the time of meeting of said Corporation and of the Board of Managers, the number which shall constitute a quorum at any such meeting, the mode of electing members, the terms of their admission, the causes which shall justify their suspension or expulsion from the corporation, and all other concerns of said corporation shall be regulated by the Constitution and By-laws of said corporation now existing, or hereafter to be made, which the said corporation is hereby authorised and empowered to make and alter in the manner which may be therein mentioned; provided, that said Constitution and Bye-laws shall not be repugnant to or inconsistent with the Constitution or Laws of the United States or of the State of Maryland.

SECTION 6. And be it enacted, That said corporation shall not issue any note, scrip or bill of credit to circulate as a currency.

SECTION 7. And be it enacted, That said act of incorporation shall inure for thirty years, and that the Legislature of Maryland reserves to itself the right to amend or repeal the same at pleasure.

We hereby certify that the aforegoing is a true copy of the Original Bill which passed both branches of the General Assembly of Maryland at December Session, eighteen hundred and forty-nine.

Given under our hands at the City of Annapolis, this fifteenth day of February, 1850.

GEORGE G. BREWER, Clerk House Delegates Md. JOS. H. NICHOLSON, Clerk Senate Md.

OFFICERS FOR 1851.

PRESIDENT. JOSHUA VANSANT.

Vice-Presidents.

EDWARD NEEDLES, FRANCIS A. FISHER.

Recording Secretary.

S A M U E L S A N D S.

Corresponding Secretary.

W.M. PRESCOTT SMITH.

Treasurer.

THOS. J. CLARE.

BOARD OF MANAGERS.

JOSIAH REYNOLDS,
JOHN F. DAVIS,
THO. TRIMBLE,
ROSS WINANS,
ROBERT EARECKSON,
WM. BAYLEY,
B. S. BENSON,
RICHD. EDWARDS, Jr.,
ADAM DENMEAD,
T. J. LOVEGROVE,
WM. A. BOYD,
GEORGE R. DODGE,

WM. H. KEIGHLER,
THOMAS STOWE,
JAMES T. WATSON,
CHARLES W. BENTLEY
W. ABRAHAMS,
SAMUEL E. RICE,
WILLIAM ROBINSON,
E. LARABEE,
JOHN F. MEREDITH,
CHARLES SUTER,
ANDREW FLANNIGAIN,
SIMEON ALDEN.

STANDING COMMITTEES FOR 1851.

On Exhibitions.

ADAM DENMEAD, Chairman.

CHAS. W. BENTLEY, THO. TRIMBLE, W. ABRAHAMS, SAML. E. RICE, W. ABRAHAMS, SAML. E. RICE JOHN F. MEREDITH, WM. A. BOYD, GEO. R. DODGE,

CHAS. SUTER.

On School of Design.

ROSS WINANS, Chairman,

ROBT. EARECKSON, T. J. CLARE, JNO. F. DAVIS, THOS. STOWE,

C. W. BENTLEY, T. J. LOVEGROVE.

On Lectures.

WM. PRESCOTT SMITH, Chairman. FRANCIS A. FISHER, S. ALDEN.
ANDREW FLANNIGAIN, RICH'D. EDWARDS, Jr.

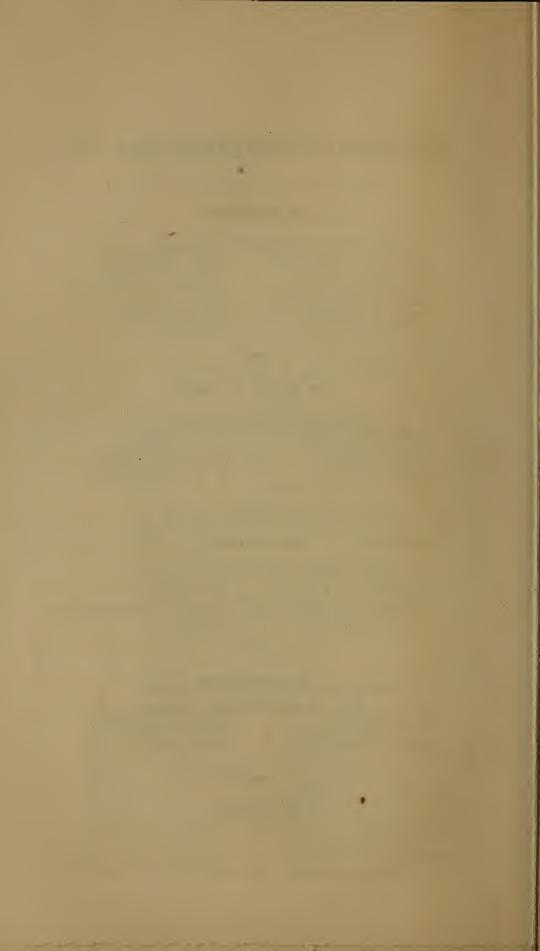
On the Library.

WM. H. KEIGHLER, Chairman.

E. LARABEE, B. S. BENSON,

JAS. T. WATSON, WM. BAYLEY.

On the Hall.



PREAMBLE.

Whereas, the Mechanics, Manufacturers, Artizans and other citizens of Maryland, impressed with the importance of fostering the inventive genius of their countrymen, of exalting the character of the members of their respective professions, and of increasing the trade and business of the conmercial mart of the State, and having associated themselves together, and obtained a charter from the Legislature of Maryland, under the name and title of the "Maryland Institute for the Promotion of the Mechanic Arts;"—to accomplish the objects in view, have made prevision:—

1st. For holding an Annual Exhibition, where Mechanics, Manufacturers, Inventors and Artists, and all who may have made any discoveries in the Arts and Sciences, may be enabled to exhibit the productions of their skill and ingenuity, in competition for the medals, diplomas, and other prizes which may be offered by the Institute for superiority;—and also for examining and reporting upon new inventions and improvements whenever desired.

2dly. For the formation of a School of Design, adapted to Mechanical, Manufacturing and Scientific purposes, in which the members of the Institute may be taught the art of Drawing and Designing, a branch of education so necessary in every business and profession connected with the Mechanic Arts.

3dly. For the establishment of Popular Lectures, on subjects mainly connected with Manufactures, Mechanics, and the useful Arts.

4thly. For the formation of a Library and Reading Room, a Cabinet of Minera's, Models, and Philosophical and Mechanical apparatus.

5thly. For establishing a School of Applied Chemistry, to be called the "Chemical Department of the Maryland Institute," where the science may be thoroughly taught in all its branches, under a Professor and Assistants.

In order to make the necessary provision, for effecting these desirable purposes, in obedience to the requisitions of the Charter, they have established the following Constitution and By-Laws for their government.



CONSTITUTION.

ARTICLE I.—NAME AND OBJECT.

- Sec. 1. This Association shall be known and designated as the 44 MARYLAND INSTITUTE FOR THE PROMOTION OF THE MECHANIC ARTS."
- SEC. 2. The object of the Institute shall be the promotion and encouragement of manufectures and the mechanic and useful arts.

ARTICLE II.—MEMBERSHIP.

- SEC. 1. Any person may become a member of the Institute in the manner hereinafter provided for in the By-Laws.
- SEC. 2. The members shall be divided into four classes, viz: Members, Junior Members, Life Members, and Honorary or Corresponding Members.
- SEC. 3. Members shall be over twenty-one years of age, and friendly to the objects of the Institute.

Junior Members shall be minors, not younger than fourteen years of age.

Life Members shall be such persons as pay twenty-five dollars to the Institute for life membership.

Honorary or Corresponding Members shall be persons of distinguished reputation, in connection with the objects of the Institute, or such as may have rendered it important service. They shall be elected by the Board of Managers, who shall report such election to the next stated meeting of the Institute.

ARTICLE III.-OFFICERS.

The Officers of the Institute shall be as follows: a President, two Vice Presidents, a Recording Secretary, a Corresponding Secretary, a Treasurer, and twenty-four Managers, the whole comprising a

Board of Managers thirty in number,—two-thirds of whom shall be practical manufacturers or mechanics, residents of the City of Baltimore.

ARTICLE IV.-MEETINGS.

- SEC. 1. The annual meeting of the Institute, for the election of officers, shall be held on the second Wednesday in April, and annually thereafter for the same purpose.
- SEC. 2. In default of an election at the annual meeting, the existing officers shall continue in office until others are properly elected.
- SEC. 3. At the annual meetings, the yearly reports of the Treasurer and Board of Managers shall be read.
- Sec. 4. Special meetings shall be called by the President, on application of the Board of Managers, or at the written request of twelve members.
- Sec. 5. Monthly meetings of the Institute shall be held on the second Wednesday of each month.

ARTICLE V.—QUORUM.

- SEC. 1. Any fifteen members present at the time and place appointed for holding the annual, special, stated and adjourned meetings, shall constitute a quorum for the transaction of the ordinary business of the Institute, but at annual meetings thirty members shall be required to be present for the election of officers.
- SEC. 2. All business shall be considered ordinary, except a proposition to dissolve the Institute, which shall be considered extraordinary, and shall require a majority of all the members to constitute a quorum for its consideration.
- SEC. 3. Notice of extraordinary business shall be given at least three months previous to that in which it is to be discussed.
- Sec. 4. At all stated meetings of the Board of Managers, nine members shall constitute a quorum for the transaction of business.

ARTICLE VI.—MEMBERS' FEES.

SEC. 1. Members, on their election, shall pay to the Treasurer an initiation fee of two dollars, and an annual subscription of three dollars.

SEC. 2. Junior members, on their election, shall pay to the Treasurer an initiation fee of one dollar, and an annual subscription of one and a half dollars. They shall be entitled to all the rights of the members, except that of voting.

ARTICLE VII.—ELECTIONS.

- SEC. 1. No member shall be entitled to vote if in arrears with his subscription; and in no case shall members be entitled to the benefits of the Institute unless they have complied with all the requirements of the constitution and by-laws.
- SEC. 2. All nominations of elective officers must be made at least one month previous to the time of election; nevertheless, nominations may be made on the night of the election, provided a majority of the members present concur in a motion to that effect. An election to fill vacancies caused by death, resignation or otherwise, may be had at any stated meeting of the Institute.
- SEC. 3. All officers of the Institute shall be elected by ballot; and in case of a plurality of candidates, the lowest shall be withdrawn after each ballot succeeding the third.
- Sec. 4. The presiding officer shall have no vote while in the chair, except in case of a tie, of an election by ballot, or when the year and nays are called.
- SEC. 5. In all elections for officers of the Institute, a majority of the whole number of votes cast shall be necessary for a choice; provided there be at least thirty votes cast in each ballot at the Annual or other election of officers.

ARTICLE VIII.—MANAGEMENT.

The Board of Managers shall have the management of the funds of the Institute, and of all matters of finance connected therewith, and shall employ its revenues on the following objects, viz:

First. In providing an Annual Exhibition of the productions of American skill and industry, to be held in the city of Baltimore; and in affording at all times every reasonable facility for the trial and examination of such new inventions and improvements as may be submitted to the Board for that purpose.

Second. In the formation of a School of Design, adapted to mechanical, manufacturing and scientific purposes.

Third. In the establishment of popular Lectures, on subjects connected with manufactures, mechanics, and their collateral sciences.

Fourth. In the formation of a Library and Reading Room, a Cabinet of Minerals and Models, and Philosophical and Mechanical Apparatus.

Fifth. In fostering the Chemical Department of the Institute.

ARTICLE IX.—INCOMPETENCY OR UNFAITHFULNESS.

- SEC. 1. Officers found incompetent for, or unfaithful in the discharge of their duties, shall be removed by a vote of a majority of the members present at any regular or stated meeting.
- SEC. 2. The Board of Managers may, and they are hereby authorized to declare the seat of any of their number vacant after an absence from the Board for three consecutive stated meetings, and report the same to the Institute. The Institute shall fill the vacancy, in the manner hereinbefore provided.

ARTICLE X.-BY-LAWS AND RULES OF ORDER.

By-laws and rules of order for the government of the Institute, may be made or amended at any stated or special meeting, provided two-thirds of those present concur therein.

ARTICLE XI.—ALTERATION OF THE CONSTITUTION.

To alter or amend this constitution, notice of the proposed amendment shall be given at any stated meeting of the Institute, but it shall not be acted upon until the next or a subsequent meeting.

BY-LAWS.

ARTICLE I.—MEETINGS.

The meetings of the Institute shall be opened in November, December, January and February, at 7 o'clock; in March, April, September and October, at $7\frac{1}{2}$ o'clock; and in May, June, July and August, at 8 o'clock.

ARTICLE II.—MEMBERS.

- SEC. 1. Persons who have been elected by the Institute shall sign their names to the constitution, and pay the initiation fee, and one year's dues, before they shall be considered full members.
- SEC. 2. The annual contribution of members shall become due and payable in advance on the first day of October, in each and every year.
- SEC. 3. Any member whose subscription shall remain unpaid six months after the same shall have been due, shall forfeit his membership, and shall not again be eligible until all arrears are paid. Nor shall a member be entitled to any of the privileges or rights of membership, while in arrears to the Institute.
- SEC. 4. Members, on paying their yearly dues, shall receive a certificate of membership for the fiscal year, signed by the President and Treasurer.

ARTICLE III.—DUTY OF THE PRESIDENT.

SEC. 1. It shall be the duty of the President to preside at all meetings of the Institute, and also of the Board of Managers, enforce a due observance of the constitution and by-laws, see that all officers and committees perform their respective duties, appoint all committees and officers not otherwise provided for, inspect and announce the results of all ballotings or other votes, and direct the Secretary to call special meetings when application is made in

accordance with the constitution. He shall sign all orders on the Treasurer passed by the Board, and none others, and perform all other duties devolving upon the President, under the constitution and by-laws.

SEC. 2. In the absence of the President, one of the Vice Presidents in order shall preside, and in the absence of all these, a President pro tem. shall be chosen, who shall be invested with all the powers of the President.

ARTICLE IV.—DUTY OF THE RECORDING SECRETARY.

The Recording Secretary shall keep a fair and impartial record of the proceedings of the meetings of the Institute, and of the Board of Managers; he shall give public notice of the stated and special meetings both of the Institute and Board; he shall also keep a correct roll of all the members, alphabetically arranged, and notify resident members of their election. All books under his charge shall be subject to the examination of the members of the Institute. He shall attest to all moneys ordered to be paid by the Board of Managers, and none other. He shall, on all occasions, notify all committees of their appointment, and furnish the chairman of each committee with so much of the proceedings as relates to the object for which it was appointed, and perform all other duties that may be required of him by the Institute, or the Board of Managers.

ARTICLE V.—DUTY OF THE CORRESPONDING SECRETARY.

The Corresponding Secretary shall answer all letters addressed to the Institute; shall open and maintain such correspondence as may tend to advance its interests, under the direction of the Board of Managers, and keep a record thereof, which record shall be open for the examination of the members of the Board. He shall acknowledge the reception of all donations to the library, cabinet, &c., and shall notify honorary or corresponding members, of their election.

ARTICLE VI. - DUTY OF THE TREASURER.

SEC. 1. The Treasurer shall receive all monies of the Institute, and safely keep the same in such place and manner as the Board of

Managers may direct; and shall make no payments without written vouchers from said Board, attested by the signatures of the President and Secretary; he shall keep full and accurate accounts of his receipts and disbursements, and shall exhibit a true statement thereof at the stated meetings of the Institute, and to the Board of Managers, whenever called upon to do so.

- SEC. 2. He shall deposit, in such bank as the Board of Managers may direct, all monies received by him over and above \$50, and shall, at every regular meeting, lay before the Board of Managers his bank book, and book of receipts and expenditures.
- SEC. 3. He shall draw no money from bank except by check, signed by himself, and countersigned by the President or Recording Secretary.

ARTICLE VII.—DUTY OF THE BOARD OF MANAGERS.

- SEC. 1. The President, two Vice Presidents, Recording Secretary, Corresponding Secretary and Treasurer of the Institute shall be ex-officio members of the Board of Managers.
- SEC. 2. It shall be the duty of the Board as soon after their election as possible, to elect from their own body the following standing committees, viz: Committee on Exhibition, to consist of nine; Committee on School of Design, to consist of five; Committee on Lectures, to consist of five; Committee on Library, to consist of five; Committee on the Hall to consist of five; and an Actuary, either from the Board or Institute at large. They shall also at a meeting immediately preceding the Annual Exhibition, elect a Committee on Awards, of eleven in number, whose duty it shall be to receive and collate the Judges' Reports, and arrange the Premiums to be bestowed.
- SEC. 3. The Board of Managers shall have charge of all matters of finance, and the various concerns of the Institute, which may not otherwise be provided for, with authority to devise and execute all measures, which, in their judgment, may advance its interests—reporting the same at the next stated meeting of the Institute, for its sanction.

- SEC. 4. The Board shall keep regular minutes of their proceedings, in a book prepared for that purpose.
- SEC. 5. The Board shall hold regular stated meetings of their own body once in each month. They shall enact such rules and regulations, for their own government, as they may deem requisite.
- SEC. 6. Nine of their number shall constitute a quorum at any stated meeting, but at any special meeting, thirteen members shall be necessary.
- SEC. 7. They shall require all the Standing Committees to report to them monthly, and to be prepared at all times to furnish them with every detail connected with the respective branch of operations they may have in charge.

ARTICLE VIII.—DUTY OF THE COMMITTEE ON EXHIBITION.

It shall be the duty of this Committee to make all the necessary arrangements for holding the annual Exhibition, at such time and place as the Board may designate. They shall have power to make all necessary contracts and disbursements, to carry out fully the object of the Institute in holding the Exhibition. They shall have prepared such gold and silver medals, diplomas, or other awards, as the Board may direct, as premiums for the first, second and third class American productions, of superior merit, to be awarded by competent and impartial judges. They shall nominate, subject to the approval of the Board of Managers, judges on the several classes, and as soon after the opening of the Exhibition as possible, classify the articles exhibited, and afford the judges the best opportunity for their examinations.

ARTICLE IX.—DUTY OF COMMITTEE ON SCHOOL OF DESIGN.

It shall be the duty of the Committee on School of Design to make the necessary arrangements for opening the same not later than the third week in November, and continue it open four months. They shall employ competent teachers to take charge of the School; establish rules and regulations for its government, and have the entire control thereof. They shall be personally present as much as possible during the session, see that the rules and regulations are observed and enforced, and afford such aid to the officers of the school as may be required.

ARTICLE X.—DUTY OF THE COMMITTEE ON LECTURES

It shall be the duty of the Committee on Lectures to make arrangements for, and to conduct a course or courses of Lectures, to commence in November, to be delivered at such times and place as they may determine.

ARTICLE XI.—DUTY OF THE COMMITTEE ON THE LIBRARY.

It shall be the duty of the Committee on the Library to purchase all suitable books, maps, &c. to the extent of the funds appropriated. They shall see that the Librarian performs the duties required of him. They shall make such rules and regulations, for the government of those who visit the library rooms, as they may deem expedient and proper. They shall see, from time to time, what books are out of order, or require re-binding, and have the same put in order.

ARTICLE XII.—DUTY OF THE COMMITTEE ON THE HALL.

The duty of the Committee on the Hall shall be, to take charge of the Institute's Building, to adopt the necessary means for keeping it in repair, and to rent it from time to time, as demand may be made for it.

ARTICLE XIII.—DUTY OF THE ACTUARY.

It shall be the duty of the Actuary to attend at and take charge of the Hall of the Institute, keep it in proper and comfortable order and open and close the same at such hours as the Board of Managers or the Committee on the Hall may direct. He shall as Librarian, have charge of the library, of the cabinet of minerals, models, philosophical and mechanical apparatus, &c., and be responsible for the safe keeping of the same. He shall perform all other duties required of him by the Standing Committees or the Board of Managers.



RULES OF ORDER.

RULE I.

The following shall be the order of business at each meeting of the Institute:

- 1. The President shall take the chair at the appointed hour, and call the meeting to order.
- 2. The minutes of proceedings of the last preceding meeting read and considered, except at special meetings, when the business for which the Institute was convened shall be first in order.
 - 3. Same as to minutes of special meetings.
- 4. Proposal of candidates for membership, and election of the same.
 - 5. Reading of correspondence.
 - 6. Announcement of donations.
- 7. Report of Board of Managers, Treasurer, &c. read and considered.
 - 8. Reports of special committees read and considered.
 - 9. Disposition of deferred or unfinished business.
 - 10. Resignations considered.
 - 11. New business.

RULE II.

Should the foregoing order of business not be completed at any one meeting of the Institute, the order shall be resumed at the next meeting, where it stopped at the previous meeting, except that the first five branches of the foregoing order shall be called at each meeting.

RULE III.

The President, while presiding, shall state every question coming before the Institute, before suffering debate thereon, and, immediately before putting it to vote, shall ask, "Is the Institute ready for the question?"

RULE IV.

When the decision of the President on points of order is appealed from, he shall state his decision, and the reasons therefor, from the chair. The party appealing shall then briefly state the reason for his appeal. The question, when taken, shall be put thus, "Shall the decision of the chair stand as the judgment of the Institute?"

RULE V.

Every member, while speaking, shall confine himself to the question under debate; and avoid all personality and indecorous language.

RULE VI.

Should two or more members rise to speak at the same time, the chair shall decide who shall have the floor.

RULE VII.

No member shall disturb another in his speech, except to call him to order.

RULE VIII.

If a member, while speaking, shall be called to order, at the request of the chair he shall cease speaking, and take his seat until the question of order is determined, when he may again proceed, in order.

RULE IX.

No member shall speak more than once on the same question until all the members wishing to speak shall have an opportunity so to do, nor more than twice, without permission of the chair.

RULE X.

All resolutions shall be reduced to writing, if required, before the President shall state the same to the Institute.

RULE XI.

When a blank is to be filled, the question shall be taken first upon the highest sum or number, and the longest time proposed.

RULE XII.

Any member may call for a division of a question when the sense will admit of it.

RULE XIII.

When a question is before the Institute, no motion shall be received, unless to adjourn, to take the previous question, to lay on the table, to postpone indefinitely, to postpone to a definite time, to refer, or to amend; and they shall have precedence in the order herein arranged, the first four of which shall be decided without debate.

RULE XIV.

If a motion to adjourn be adopted, and the Institute has not previously resolved on the adjournment, to meet at a particular period, the effect of the motion shall be to adjourn to the next regular meeting.

RULE XV.

The motion to take the previous question, may be made by any two members, and shall be put in this form, "shall the main question be now taken?" and if adopted, the effect shall be to bring the meeting to a vote upon the question pending at the time the previous question was called for. If such question was an amendment to an original proposition, the vote shall be taken upon the amendment first, and next upon the original proposition as amended, or not, as the case may be and if the question pending is an amendment to an amendment, the question shall be first taken on the last amendment, and so on down to the original proposition.

RULE XVI:

The effect of the motion to lay upon the table, if adopted, shall be to prevent the question being taken up again on the same evening without a two-third vote.

RULE XVII.

No resolution which has been rejected, shall be renewed at the same meeting, unless reconsidered as provided for in the 18th rule.

RULE XVIII.

Any question which has been indefinitely postponed, shall not be renewed at any time before the next monthly meeting, and then only upon the condition as explained in the next rule.

RULE XIX.

All votes, other than on amendments to the By-Laws or Rules of Order, or indefinite postponement, may be reconsidered at the same or next regular meeting, upon a motion made and seconded by two members who voted in the majority, provided the Institute agree thereto; but after a motion to reconsider has once been lost, it shall not be renewed.

RULE XX.

Every member present shall vote on all questions before the Institute, unless incapacitated under the provisions of the Constitution and By-Laws.

RULE XXI.

A motion to excuse a member from voting shall be put without debate.

RULE XXII.

When a motion has been declared carried or lost by the usual manner of voting, any member, before the Institute proceeds to other business, may call for a count.

RULE XXIII.

All reports of committees shall be in writing, and when read to the Institute, shall be considered as accepted, without a vote, unless objection be made thereto.

RULES OF ORDER

FOR THE GOVERNMENT OF

THE BOARD OF MANAGERS.

- 1st. The times of Meeting of the Institute, shall govern the meetings of the Board.
- 2d. The President of the Institute shall be Chairman of the Board, and in his absence a chairman pro tem. shall be chosen.
- 3d. Nine members shall constitute a quorum at all stated meetings—but at other meetings thirteen shall be necessary.
- 4th. At the appointed hour of stated meetings, the chairman shall call the Board to order, when the roll shall be called, and all absentees fined $12\frac{1}{2}$ cents.
- 5th. Members who shall appear within ten minutes after roll call, shall be exempt from fine—all others appearing after that time shall be fined $6\frac{1}{4}$ cents.
- 6th. The first business after roll call shall be the reading and approval of the proceedings of the previous meeting—then Unfinished Business—Correspondence—Donations—Reports of Standing Committees—Reports of Special Committees—and New Business.
- 7th. No member shall speak more than twice on any subject, nor longer than 5 minutes at any one time, without special permission of the Board.
- 8th. When a member is addressing the chair on any subject, the members shall observe silence.
- 9th. When a subject is under consideration no motion shall be made, but to adjourn, lie on the table, postpone, to amend, or the previous question.

10th. A motion for the previous question, to adjourn, or to lie upon the table, shall always be taken without discussion.

11th. In voting on any question, the chairman shall always give the casting vote, if there is a tie.

12th. The funds collected for fines shall be safely kept by the chairman, and the board shall, at its last meeting previous to a new election, dispose of them as it may please to determine.

13th. Absence from the city, or personal or family sickness shall be a sufficient excuse for non-attendance.

A LIST OF THE ANNUAL MEMBERS OF THE INSTITUTE FOR 1851.

(OR FROM OCT. 1st, 1851, to OCT. 1st, 1852.)

Made up to 8th September, 1851.

Α.

Adams, D. M. Anderson, Jas. M. Abbott, E. A. Anderson, Thos. D. Abrahams, Woodward Adams, Jno. C. Addison, Samuel S. Abbott, Horace Amos, Corbin Arnold, Francis Armstrong, J. Alnutt, James W. Adair, Jno. Atwell, R. H. Addison, Geo. C. Allen, James Adams, John T. Axer, John Atkinson, George Ayres, Littleton Armiger, John

В.

Benson, Benj. S.
Balderston, Jacob
Bridges, Wm.
Brown, Wm.
Brodbeck, Wm.
Bull, Isaac
Barnes, John H.
Blass, Wm. H.
Boyd, J. Howard
Brooks, Rodney R.
Brown, W. A.
Baker, R. J.
Belt, Hickman
Burnett, Samuel

Bates, James Bouldin, Wm. Brown, Isaac Bartlett, D. L. Barnes, John H. Butler, Samuel Bayley, Wm. Boyd, Wm. A. Browning, John W. Bectol, S. (York, Pa.) Burgess, Thos. H. Bourne, Matthew J. Burn, James W. Brewer, Nicholas Bell, Thomas Bevans, R. A. L. Brown, Robert Jr. Bruce, Robert Bannerman, J. B. Bonsal, Louis Blake, Joel N. Burford, C. C. Barling, Jos. Sr. Bines, Robert Birchall, Thos. W. Barling, Jos. Jr. Barnitz, Covington D. Brand, Alex. J. Beacham, John S. Biggs, Robert Balderston, C. H. Bolton, Hugh Brown, Wm. Bennett, Benj. F. Bowers, Wm. E. Bond, James M. Bruce, John M. Brice, William N. Brown, George H. Brice, N. C.

Bennett, J. H. Bichell, Philip F. Bowen, Joseph M. Brownley, John L. Blakeney, A. R.

C.

Clare, Thomas J. Cochran, John D. Cloud, C. F. Cortlan, James Cole, Wm. P. Cohen, Jacob I. Clendenin, Robert Cathcart, Wm. H. Carter, Clement Cooke, George Clark, Levin P. Chandler, Edwin Cohen, Dr. J. I. Carter, Jesse Cariss, Samson Camp, James L. Caldwell, Wm. Q. Cole, Nathan Cooper, John M. Cole, A. G. Cox, John R. Coles, Wm. Cross, Richard J. Child, Samuel Crawford, Wm. Caskey, Robert Codd, Edward J. Clackner, G. F. Cook, John F. Crummer, E. A. Cook, Isaac P. Chiffelle, Thos. P.

Chester, Wm.
Carroll, Thomas
Chew, Robert W.
Chaplain, J. Bond
Carroll, Henry J.
Chapson, Daniel S.
Cole, Benjamin
Cox, Marion
Chappell, P. S.
Codet, J. R.
Coughlan, William
Colley, John
Cooper, John H.
Chappell, Kershaw
Cleaveland, A. J.

D.

Daniels, Walter Dixon, Thomas Dushane, N. Dailey, John Deitz, J. B. Day, Jacob Dennis, John P. Diggs, E. G. Dunn, Michael Daiger, Matthew A.
Davis, Dr. Chas. S.
Daffin, Benjamin
Denmead, Talbott
Dunlap, Charles
Duvall, A. Duncan, H. W. Dukehart, John Done, J. H. (Somerset Co.) Denny, John Dukehart, John P. Dufur, Orlando Drury, William H. Dodson, John

E.

Emory. Samuel
Emich, David J.
Eisenbrandt, C. H.
Emery, John B.
Eldridge, Robert
Esender, Dr. James
Ellicott, Evan T.
Ely, John N.
Evans, George
Ellicott, Wm. M.
Evans, Thomas

Eareckson, Federal Emory, Charles L.

F.

Furgoson, Wm.
Fardy, John T.
Feast, John
Fulton, L.
Friese, Philip C.
Ferrandini, Cipriano
Fowler, Francis
Fales, Nathan
Foy, James
France, Richard
Fisher, J. H. Jr.
Flemming, James
Foreman, Valentine

G.

Gambrill, Thomas Gardner, Alfred S. Golder, James C. Gorsuch, Jehu Gates, Ezra Gilpin, James S. Gill, Noah Getty, James Gorsuch, Wm. G. Gover, G. P. Griffin, Elias T. Griffin, Thomas D. Green, Charles B. Gherman, Charles Green, Henry T. Gwinn, Chas. J. M. Gross, Jacob Grape, Jacob Gatch, Conduce Gaehle, Henry Griffith, G.S. Grice, Epward L. Gittinger, B. F. Gross, J. F. Graves, Edward B. Green, Joseph D. Gillingham, Geo. H. Graham, John Green, Joseph D. Guyton, Wm. L.

H.

Hunt, Jesse Hazlehurst, H. R. Hoss, John F.

Hayes, Robert Holden, Enock P. Hogg, Wm. Hindes, Samuel Holloway, Charles Hawkins, Charles Hawley, R. K. Howard, Robert Hambleton, T. E. Jr. Holmes, Robert S. Heuisler, John F. Hull, William Hart, William J. Hill, William B. Hinsley, John Hutton, Joseph G. Hill, Dr. Joseph H. Hooper, Charles H. Hiss, William H. Harrison, Joseph O. Haskell, John H. Horn, Matthew Hill, John H. Hunt, G. H. Hildebrandt, Herman Heron, James W. Hindman, Wm.
Hindes, Moses G.
Hincks, Samuel
Heird, H. W. Howell, D. C. Hopkins, Wm. Heath, F. W. Herring, Geo. W. Herzberg, Philip Hughes, John T. Henkle, Ferdinand Harris, Samuel Hall, Charles Hoopper, Augustus D. Haslup, Rezin

J.

Jacobs, James M.
Jenkins, James W.
Jeffreys, Thomas
Joekel, Conrad
James, Henry
Johnson, Robert
Ijams, John
James, Thomas
James, Edward
Irons, Emanuel
Jones, J. B.
Johnson, W. H.
Jarboe, John R.

Jarrett, Henry C. Johnson, Philip Jr. Jenkins, Henry W.

K.

Knabe, Wm.
Kane, George P.
Keighler, Wm. H.
Kennedy, Michael
King, Joseph
Kennedy, John P.
Kelso, Thomas
Kelso, John Thomas

L.

Lawton, John L. Lucas, Fielding Jr. Lee, S. S. Lucas, John Leslie, Robert Lovegrove, James Laws, J. T. Luttz, John S. Lester, Samuel Latrobe, Benj. H. Lee, Elisha Lavender, Benj. A. Lucas, James Long, Lewis L. Levering, Dr. James Logan, James H. Lamb, Thomas B. Lanning, Wm. N. Lee, Z. Collins Loney, Robert W. Lambden, John Lewis, Martin Lloyd, B. R. Lyon, John H. Littig, Philip

M.

Martin, Samuel
Murray, James
Marden, Jesse
Merrill, James H.
Matthews, Joseph
Manning, J. C.
Mathiot, A. B.
Morris, Charles T.
Murphy, John
Martin, David
Maughlin, W. H.
McKim, John S.
Matthews, Thomas

Mitchell, E. T. Mills, S. S. Middleton, J. W. Middleton, Robert Mahaney, John McClees, Ellis B. McEldowney, R. McClymont, Wm. Jr. Mercer, Chas. H. Moran, Dr. John J. Miller, John F. Miller, Christian Marshall, Henry Milnor, J. P. Mathers, James Moore, J. Faris Massey, Dr. Wm. R. Milholland, John G. McMullen, John McPherson, Samuel Miller, Enoch Miller, Wm. Mohler, Edward Murray, James McPherson, James Meredith, John F. Metz, Richard Miller, J. P. Murdock, Richard Marley, Řichard McWilliams, Dan'l J. McCubbin, Chas. T. Moore, Wm. T. Martin, John J. Murray, Wm. J. Mettee, Wm. H. McMurray, John McDowell, R. Mann, Ernest Mitchell, James Mitchell, George Morton, Washington Montgomery, Wm. S. Mace, Carville, V. Martin, David A. MacNeal, Andrew L. Merritt, John A. Milliss, Laertes O. Macomber, G. Myer, Charles A. McNabb, James

N.
Newman, W. W.
Needles, Charles E.
Nalls, B. F.
Northerman, Col.

Norfolk, John H.
Needles, E. M.
Ninde, James C.
Neely, R. W.
Nicholson, Edwin
Norwood, Lambert S.
Nicholls, Reuben H.
Norris, Richard
Nicholls, Wm. I.

0.

Odell, James H. Oliver, Wm.

P.

Peters, Wm. Phillips, Wm. M. Pool, Robert Packie, Alexander Porter, Robert B. Perine, Mauldin Peters, Wm. C. Phillips, Sol. H. Payne, James Peters, William H. Palmer, George M. Perry, A. Allen Perry, Leonard Purden, Fergus Pyfer, Philip H. Parker, William Preston, Wm. P. Parr, James Pope, Franklin F. Pollock, Henry Patten, Wm. Jr. Pennington, J. Phillips, Isaac Phillips, James T. Placide, Henry Porter, George W. Placide, Matthew P. Piggot, Tnomas S. Pitt, Thomas J. Parks, Lloyd B. Perkins, Dr. E. H. Purcell, John J. Priestley, Howard Phillips, John Poscy, John P. Phillips, F. Phelan, James Porter, H. Pindin, N. N. Quail, George K.

R.

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S_

Stapleton, Jos. K.
Saunders, J. Mowton
Smith, Wm. Prescott
Stansbury, Elijah
Shoemaker, W. S.
Sykes, James
Stran, Wm. H.
Sparhawk, S.
Simms, Joseph
Starr, George W.
Starr, John A.
Stevenson, Jos. L.
Seemuller, Augustus

Stanley, John Snowden, Henry Smith, Samuel Shannon, J. P. Sisson, Hugh Suter, James S. Stewart, Jos. W. Schæffer, F. Littig Stowe, Thos. Starr, Benjamin F. Sheppard, Moses Schoolfield, L. A. Smith, Henry C. Smith, Thomas Stewart, Glendy Slade, Edward Selby, John S. Sherwood, Wm. S. Schwartz, Julius Stewart, Wm. C. Stevens, Geo. G. Street, Thomas Spies, Charles L. Stewart, Thomas Sandys, Samuel Sandys, Edwin Shultz, A. D. Startzman, David Stone, J. H. Seyler, F. Stewart, John Sexton, S. B. Sultzer, Henry C. Steuart, Edwin H. Shrote, Wm. T. Street, John C. Solomon, Isaac Jr. Spedden, Edward Sharpley, John Shanks, Thomas Silke, J. Freeman Shipley, L. G. Spurrier, Grafton D. Shaw, Wm. T. Smith, J. Christian

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V.

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Wright, Wm.
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Whitman, George
Wheat, John B.
Warder, George A.
Weitzell, John
Wethered, Charles
Watson, Wm. H.
Watson, Charles
Williams, N. F.

Whitemarsh, James Webb, Albert L. Walsh, Thomas West, George S.

Y.

Young, James Young, Joshua Young, Wm. H. Young, John Younger, F. A.

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Chenowith, Benj. F.
Carter, Darus

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Davis, Charles W.

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Wyman,

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в.

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Gaehle, Lewis

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L.

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Μ.

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N.

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Robb, E. T.
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Ridgely, John F.
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Reilly, Francis

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Taylor, Wm. S.
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Turner, Thomas

U.

Uthman, John T.

V.

Vansant, Joseph Vogt, Frederick

W.

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Z.

Zentmyer, Wash.

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Baltimore. Maryland. do. Nat. Institute, Washington. Maryland. do. do. New York. Sup't U. S. Coast Survey. New York. Baltimore. New York. Washington. Baltimore. do. Cincinnati. Smithsonian Institute. London. National Observatory. Baltimore. do. Washington. Baltimore. Washington.

Names of the "Committee on the Hall."

(Omitted on page 11.)

THOMAS J. CLARE, Chairman.

SAMUEL SANDS, S. ALDEN,

C. W. BENTLEY, THOMAS TRIMBLE.

For the duties of the Standing Committees, see pages 22, 23, 24 of this book!

THE LAYING OF THE CORNER STONE.

[The following account of the Ceremonies had on the interesting occasion of the laying of the Corner Stone of the Grand Hall of the Institute, is made up from the report published in the daily newspapers of the 14th March, 1851.]

THE laying of the corner-stone of the Hall to be erected for the Maryland Institute, (on the fine lot at the head of the Centre Market, running three hundred and fifty-five feet long to Second street, and fronting sixty feet on Baltimore street, the city's principal avenue,) took place yesterday afternoon, with ceremonies appropriate to the formal commencement of a work which in its importance and the beneficial effects which may be expected to follow its completion so greatly interests all classes of the community. The occasion, as was expected, proved to be one of more than ordinary interest, and the participation which our citizens take in all that relate to the Institute for the promotion of the purposes of which the improvement is to be made, was most strongly exemplified by the large concourse of persons who attended and witnessed the ceremonies. The whole space on Baltimore street opposite the spot, was completely thronged, a large number of ladies occupying positions on the outskirts of the crowd, whilst the windows, and in some instances even the roofs, of the houses overlooking the scene, were occupied by interested spectators.

The Mayor, (J. H. T. Jerome, Esq.,) and members and officers of the City Council, escorted by the officers of the Institute, came to the ground in a body and occupied seats on the large platform, together with the Clergy, the Speaker, the officers of the Victualler's Association, the representatives of the press, and many respected and venerable citizens who were invited to witness the scene. Letters of excuse for their non attendance were received from the President of the United States, and the Governor of Maryland.

At four o'clock, Volandt's fine band, (who had generously volunteered their services for the occasion,) commenced the ceremonies by the per-

formance of appropriate music. A fervently touching and appropriate prayer was then delivered by the Rev. Dr. Richard Fuller.

The laying of the corner stone then took place, Wm. Bayley, Esq., Chairman of the Building Committee, performing the ceremony, assisted by the other members of the Committee. The stone was raised and placed in the spot prepared at the base of the pier on the North East corner of the edifice, and after being levelled and secured was struck and and declared to be well and properly laid as the foundation stone of the Hall of the Maryland Institute. A leaden box was then placed in the cavity in the stone in which were placed the following articles, a list of which were read by the Secretary of the Committee, S. E. Rice, Esq., viz:

Copy of the Holy Scriptures; Charter, Constitution and By-Laws of the Institute; City Ordinances for 1850, containing the ordinance relative to the Institute; Proceedings of the Institute and Board of Managers relative to the erection of the Hall; Acts of Assembly relative to the Corporation of Baltimore; Constitution of the United States and of each of the States in the Union; List of families and other persons in Baltimore town, in 1752, preserved by the late Joseph Townsend and presented by Richard Townsend; a copy of the various Medals and a Diploma of the Institute; Catalogue of articles exhibited at the Institute Fairs in 1848, '49 and '50; Copies of each of the city papers; Names of contractors for the building; Names of the Building Committee and Architect; Names of the President of the United States, Governor of Maryland; and Mayor of Baltimore; Copy of the Baltimore Directory for 1851.

After the placing of these articles in the stone, it was closed, and the chairman of the Building Committee, with some appropriate remarks, poured on it the libations of corn, wine and oil—emblematic of plenty, peace and gladness—and concluded by handing to the architect the square and trowel. The ceremony was very appropriate, being in its mains features similar to that used by the Masons on such occasions.

In closing the ceremony and pouring the libations of corn, wine and oil on the stone, Mr. Bayley used the following invocation:

"May the all bounteous Author of Nature bless the Institution under whose auspices this work hath been commenced; prosper the objects of its association, assist in the erection and completion of this building to be dedicated and devoted to the encouragement, the promotion and eleva ion of the Mechanic and the kindred Arts. Guard and protect the workmen employed thereon from every accident, grant that each may perform his allotted part with skill, ability and success, and long preserve the structure from decay. And grant to us all in need, supply the *corn* of nourishment, the wine of refreshment and the *oil* of joy."

The corner stone is of marble, and the top of it bears the following inscription: "Maryland Institute for the Promotion of the Mechanic Arts, 185!. Building Committee—Wm. Bayley, chairman—S. E. Rice, Secretary. J. Reynolds, E. Needles, D. M. Adams, W. Abrahams, B. S. Benson. Architects—Messrs. Chiffelle & Raisin."

At the conclusion of this part of the ceremony the band performed the the national anthem of Hail Columbia, in a splendid style, and Joshua Vansant, Esq., President of the Institute, introduced to the audience, S. Teackle Wallis, Esq., who proceeded to deliver the Address. This address will be generally read, and admired by all for its appropriateness, the beauty of thought which it developes, and the chaste and elegant language in which it is expressed. He was frequently interrupted during its delivery by the applause of his ten thousand listeners, who seemed to regret the close of his eloquent remarks.

At the conclusion of Mr. Wallis' address, the proceedings were closed by a prayer and benediction by the Rev. Dr. J. G. Burnap, followed by music from the Band. The vast crowd then quietly seperated, all apparently highly gratified with the interesting incidents of the occasion.

It was a common remark at the time, that no public ceremony of the kind in Baltimore, had ever been more happily conceived, or more orderly and successfully carried out, than that of the laying of the corner stone of the Maryland Institute Hall, on Thursday thirteenth day of March eighteen hundred and fifty-one.

The thanks of the Institute are due to all those who participated in the occasion.



MR. WALLIS' ADDRESS.

I am before you, Fellow Citizens, at the request of the members of the Maryland Institute, to say but a few words, in honor of the occasion which has assembled us. It is an occasion which speaks for itself. Few incidents in the history of this community can, by possibility, have been more interesting. Within the memory of living men, a paltry hamlet has grown up into the prosperous and stately city which is round us. Its commerce has brought home to it large treasures from the sea, and the hundred hands of its farreaching industry are gathering the best fruits of the land. Over the very spot where we now stand, there may be those before me who remember when a sluggish stream stole quietly upon its course—how marked and wonderful a contrast to the mighty, restless tide of human life and energy and wealth, which every day rolls bounding by it! It is not chance to which all this is due. What human agency has wrought the change? Our liberal institutions, blessing and blessed, have borne their part, of course; the energy and enterprize of a spirited mercantile community have had their share; but the lever which has lifted us mainly has been fashioned by the Mechanic Arts, and the hard hands of those who toil in them have done the chief work with it. We are here, to-day, to lay the corner stone of a temple to those arts. The earth has already received it. There it is, and there it shall be-not only until after all whom I behold shall have passed away, but until the last of those who remember us shall have been themselves

forgotten. The walls which are to rise above it are to be no vain monument of pride or folly. As the city which it is to grace is of itself a monument of prosperous and useful labor, so the edifice, on whose foundations we are standing, is to be consecrated to the improvement and the welfare of the laboring community, and to the diffusion among them of science, skill and virtue. May the sunshine which is glowing on us, from this spring-tide sky, be no false token of the brightness which is to wait on its destinies and their fulfilment!

A man must have but poor ideas of what government was made for, if he can have any doubt that the education of the citizen is one of its chief duties. The heads and hearts of those who are born or dwell upon the soil, are the richest treasure and the mightiest power of the richest and the mightiest empire. Few will be found a. mong us, to dispute this, as a truth-almost as few, in public situations, who will take the responsibility of giving it, in all its bearings, that full and practical effect, without which it is but a declamatory abstraction, like others that we hear. Every one is willing to subscribe to it as a principle—to make use of it for rhetoric—not every one can be brought to foster it, to develop it, to pay for it as blessing. It seems to be considered that legislation is but of the earth, earthy—that rail-roads and turnpikes and canals, and such things only, are within its province and its obligations the ways men move in, the things men eat, and wear, and gain, and waste-but not the men themselves! I would that I could say this ancient and beloved Commonwealth of ours is altogether without sin, in this particular. afraid that her statute book is mute and inglorious enough in those provisions for her children's intellectual development, which ought to be blended intimately and universally with all enlightened legislation, as they must make

part of all that is faithfully and practically republican. But I am not here to censure. We are met to congratulate each other, and we will trust that a new state of things is before us. We will believe that the time is not far off, when no citizen of ours shall bear to his grave undeveloped, because of his misfortunes or his poverty, the intellect which his Maker has given him for his own and his country's good! The Institution which has in hand the enterprise of to day, is destined to be an agent of no insignificant avail in the work of this regeneration. Let us welcome its creation then, as a public benefit, and its labors as those of the most substantial and effective patriotism!

In the autumn and winter of 1847, a few practical and unpretending citizens met in the Hall not far from us, with the view of associating themselves together to promote the advancement of the Mechanic Arts. They were men who had been bred to toil, and were the architects of their own good names and simple fortunes. They had learned from their own experience how defective were the opportunities afforded, in this community, for intellectual and especially scientific culture, among the mechanical classes, and they were determined by their best efforts to modify, if they should be unable to remove, the evil. They set themselves to work, calmly and prudently, but with the energy and vigor which come from disinterestedness and conviction. They were able soon to enlist in their cause other men, of the same feelings, the same interests and the same determination. It was a good cause and it prospered. In the course of two years the present corporation was created, and was solemnly dedicated, by the law which gave it being, to the following important objects:

"And be it enacted, That the objects of the said corporation shall be the encouragement and promotion of manufactures and the mechanic and useful arts, by the establish-

ment of popular lectures upon the sciences connected with them; by the formation of a school of design adapted to mechanical and manufacturing purposes; for providing a Library, Reading Room, and a Cabinet of Minerals, Models and Mechanical Apparatus; for holding annual exhibitions or fairs for articles of American manufacture, and for offering premiums, or awards for excellence in those branches of national industry, deemed worthy of encouragement; by examining new inventions submitted for that purpose, and by such other means necessary for the accomplishment of their objects as experience may suggest."

The State, in exacting pledges and imposing duties so important, did not leave the corporation altogether without aid in their fulfilment. A resolution, of the same session of the Legislature, endowed it with an annual income of five hundred dollars—no California, it is true, in view of the high objects which were contemplated, and of the interest of the community therein, but still something to be grateful for, and the earnest, it is to be hoped, of more large and liberal benefactions.

The City of Baltimore, with a generosity which does honor to its corporate authorities, did not choose to be left behind in so excellent a work. An ordinance was passed during the last summer, granting permission to the managers of the Institute to build their Hall upon this ground—the property of the city—as you know—and Fifteen Thousand dollars were appropriated as the public contribution towards it. Nor can these contributions end here. They will be added to, if they are needed—for no legislature, however narrow in its own views, will be able to resist the public opinion, which an enterprise so worthy can never fail to command. The wise and just will insist on them, because it will be right to do so—the weak and time-serving, because it it will be popular. The cause of education is one

in which it will be no sin for the influence of any class to make itself felt. A better cry can never call men to the ballot box!—a nobler, a purer, a less selfish one, never! Our citizens, themselves, in the mean time, must not be wanting in their individual duty. They have not been and they will not be. More than eight hundred names are already upon the lists of the association, and there is now, happily, no doubt whatever, that the beautiful edifice, which the taste of a member* of the Institute has designed, will soon lift its towers towards the Heavens, that have thus far smiled so bountifully on the enterprise.

Of the blessings which such an Institution, in full and successful operation, will confer upon society, and especially upon the class to whose improvement it is peculiarly devoted, it would be needless, as it would be impossible, to make any calculation. Popular constitutions may formally secure equality of rights, but equality of intelligence is the only guaranty of their practical and permanent maintenance. It is not the policy, not the object, not the theory of our institutions—though oftentimes it is the practice under them-that the laboring man should be a drudge only. It is bad philosophy, bad morals, bad republicanism. You may disguise the thing by what political masking and mummery you please-by as much cant as you like, about the "dignity of labour"—but if social institutions or defective legislation result in concentrating a man's faculties upon his manual occupation only, they unfit him, to a degree, for the higher duties, as they deprive him of the highest privileges of genuine republicanism. Men must toil, for it is the ban under which they exist; but toil is not, must not be all. You must make it tolerable, by blending it with something better. You must

^{*} MR. WM. H. REASIN—the Architect.

counteract its depressing tendencies, by encouraging those which are nobler and upward. You must inform it with a liberal spirit—teach it the uses of the head and heart, not less than of the hands.

It is no Utopian dream to look for this—no socialist declamation—no appeal of the demagogue—to insist on it. It is the very principle on which our system is based, and it is a perfectly practicable one, if the right use be made of means. Two things alone are necessary for its consummation—some moderate leisure, and some attractive and elevating occupation for that leisure. The laws may secure the first of these things, to the full extent that is needful, and it is by contributing their part towards furnishing the last, that associations like the present best deserve their laurels!

There is an admirable feature in the organization of the Maryland Institute, which bespeaks a wise appreciation of its objects and of the best mode of advancing them. fer to the provision in its constitution, which allows to youths the privilege of "Junior Membership," upon terms so liberal as to throw the door open to all. Already large numbers of young men have availed themselves of the opportunity to place themselves within the circle of improve-The School of Design, which has been established on a liberal and comprehensive footing, has already enlisted many in the study of those lessons by which the artist's eye and hand are trained to catch and fashion and delineate the beautiful in proportion and in form. The School of Chemistry, which it is in contemplation to organize—if properly conducted, as we know it is to be-will open to the eyes of thousands-who otherwise would see but the outside of things handled by routine—the hidden but unfailing principles which nature gives as handmaids unto art. When increasing resources shall have surrounded the Institute with the appropriate appliances and means of yet more various instruction—when the halls which are to rise here shall be filled, as they will be, with models of ingenuity and taste—when books, and cabinets, and scientific, well-taught teachers shall be here, so that the poorest who is athirst for knowledge shall not lack a fountain at which to slake it—how many will be the voices of the children that "shall rise up and call her blessed!"

I but anticipate the verdict of the future in saying these things, Fellow citizens, if the members of the Institute be but true to themselves—as I am sure they will be—and if you, the State, the City, and all who have the City's and the State's true interests at heart, be mindful of that countenance and aid which it and its objects deserve at your The immediate purpose of the enterprise, 'tis true, is to improve a class of the community—but that class is so large and so important—its members are so mixed with all the most imposing functions and most serious obligations of society—that services so signal, done to them, are services to all. And more than that—an enterprise which elevates the tone and lifts the standard of one American community, is not an isolated thing—but, in its sphere and way, contributing, with things like it, to elevate and amplify that mighty nationality—one and indivisible—the perpetuity of which, I had rather be a dreamer and a fatalist, to the end of my days, than permit myself for a moment to doubt or to despair of. There are things which we believe, without the necessity of demonstration, and hope for when hope seems dead-things which come to us invested with the sanctity of faith, and of which our convictions have the resistlessness of instinct. Among such things, I class the trust of a genuine American in the permanence of the union of these States. I will contemplate no future of which any other idea is a part. I believe that there is fire in Heaven to

blast the sacrilege which would invade the ark of the covenant of human freedom, and I shall look for it to fall when the times shall need its coming.

Let us, my fellow-citizens, foster and support this Institution, as a link, though it be an humble one, in that increasing chain, which is thus to bind us hereafter, all together, in common interests, common hopes and fortunes—a common civilization. Let us not expect too much from it at first, but let us encourage it—say a good word for it—do a kind turn for it—when we may. We may not reap much of the harvest ourselves, but those who do will remember, with gratitude, the hands that sowed the seed!

Names to be added of Persons Elected on 10th Sept., 1851.

ANNUAL MEMBERS.

Arnold, George
Brashiers, John B.
Bartholomee, Joseph
Brooks, Henry
Christopher, Josiah
Clark, James G.
Cook, John F.
Carpenter, Wm. C.
Dinsmore, James

Diffenderffer, Henry Davis, H. Winter French, Andrew Gody, Thomas Gregory, Geo. Gosnell, P. H. Ives, William M. Merrick, Richard T. Munroe, D. S.

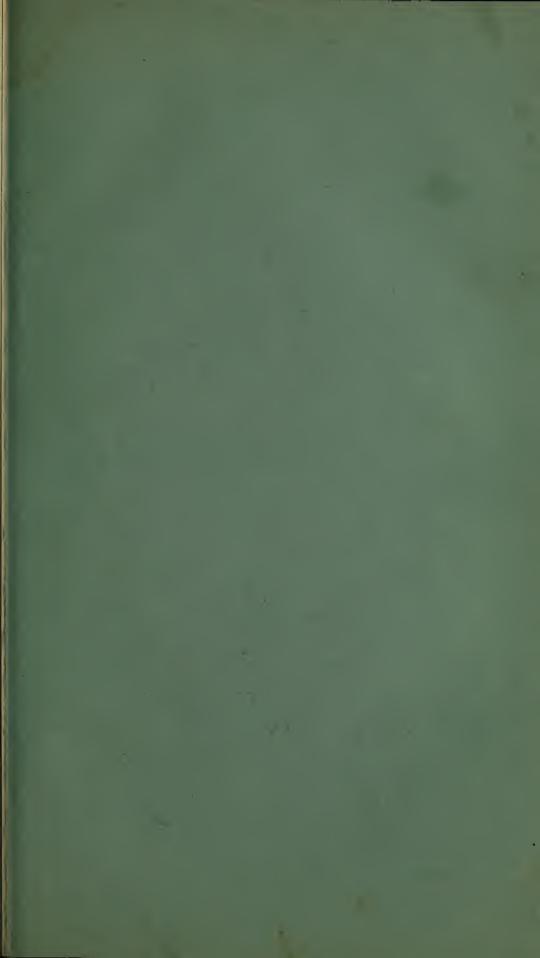
Matthews, Thos. J.
Numsen, John W.
Newell, Peter
Reilly, George
Scheib, Jacob
Simonson, Wm. C.
Wilson, James B.
Yeates, Dr. J. L.

JUNIOR MEMBERS.

Beatson, John
Baggett, Hy. C.
Colston, B. Oliver
Crawford, John L.
Dittman, Charles W.
Dittman, Edward F.
Evans, Andrew J.
Elmore, Charles
Forsythe, David J.
Hall, Joseph H.

Lewis, Jos. N. Jr.
Lears, John
Milnor, Joseph
Millholland, T. T.
McCauley, Reuben
Martin, L. R.
Mullen, James
Mortimer, James V.
Noyes, Edward C.
Perine, P. P.

Rothel, Thomas
Stewart, Edwin R.
Stow, Lewis
Schoolfield, Wm. H.
Schoolfield, Geo. A.
Wheeler, Jerome
Wehn, Philip
Writer, Theodore
Weaver, Henry
Yeates, J. L. Jr.



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GONSTITUTION,

AND

BY-LAWS

OF THE

MARYLAND INSTITUTE,

For the Promotion of the Mechanic Arts;

TOGETHER WITH A LIST OF ITS MEMBERS, JUNIOR MEMBERS, LIFE MEMBERS, HONORARY MEMBERS, &C.

TO WHICH IS ADDED

A BRIEF DESCRIPTION OF THE INSTITUTE'S HALL,

AND EXTRACTS FROM THE CLOSING ADDRESS,

DELIVERED AT THE EXHIBITION OF 1851,

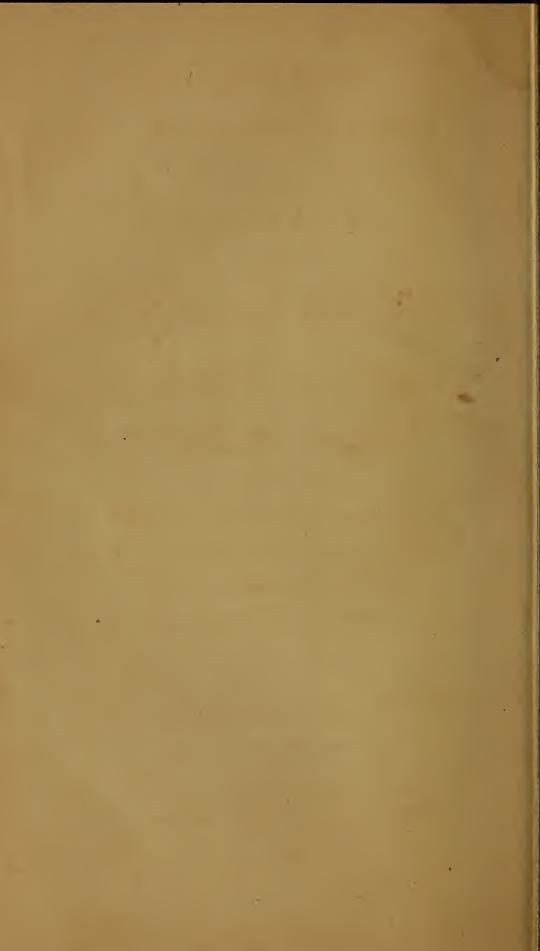
BY J. VANSANT, ESQ., PRESIDENT.

Formed January 12th, 1848—and Incorporated at December Session of the Maryland Legislature, 1849.

BALTIMORE:

PRINTED BY SANDS & MILLS

1852.



CHARTER,

CONSTITUTION,

AND

BY-LAWS

OF THE

MARYLAND INSTITUTE,

For the Promotion of the Mechanic Arts;

TOGETHER WITH A LIST OF ITS MEMBERS, JUNIOR MEMBERS, LIFE MEMBERS, HONORARY MEMBERS, &c.

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BALTIMORE:
PRINTED BY SANDS & MILLS,
No. 128 Baltimore street.

1852.



MEMORANDA

FOR THE

MEMBERS AND JUNIOR MEMBERS.

The REGULAR MEETINGS are held as follows:

OF THE INSTITUTE—Monthly—2d Wednesday evening.

OF THE BOARD OF MANAGERS—Monthly—1st Monday evening preceding the Institute's meeting.

HOURS OF MEETING.

The Institute.—At 7 o'clock P. M. in November, December, January and February; at $7\frac{1}{2}$ o'clock in March, April, September and October; and at 8 o'clock in May, June, July and August.

Board of Managers.—At the same hours as the Institute.

SCHOOL OF DESIGN.

The School will be in session three evenings—(Monday, Wednesday and Friday, as a general rule)—in the week, at 7 o'clock, to February 1st, and at $7\frac{1}{2}$ o'clock for the balance of the season. The whole term lasts four months, from November to March.

LECTURES.

The Lectures before the Institute begin during the month of November, and take place (as a general rule) twice a week, on Tuesday and Thursday evenings, until the close of the season, which is in the month of March. Each Lecture will be duly advertised in the daily papers as it is about to be held. They are held in the main saloon.

LIBRARY AND READING ROOMS.

Upper Saloons of the front Hall—Open every evening (except Sunday,) from dusk till 10 P. M.

TERMS OF MEMBERSHIP OF THE INSTITUTE.

THREE DOLLARS PER ANNUM, and two dollars on joining, making five dollars for the *first* year, payable in advance, on the 1st day of September.

Twenty-five dollars will constitute any person a Member For Life.

No Member or Junior Member shall be entitled to admission to the Exhibition, Lectures, School of Design, Library, &c., until his annual contribution for the current year shall be paid.

The use of Tickets of Membership is in no case to be transferred.

Junior Members, (youths between 14 and 21 years,) are charged but half the sum levied upon Members, or two dollars and fifty cents for the first year, and one dollar and fifty cents yearly thereafter. They are entitled to the use of the Library, to tuition in the School of Design, and admission to the Exhibition, Lectures, &c. at all times, with a lady.

THE INSTITUTE'S CHARTER.

An Act Incorporating the Maryland Institute for the Promotion of the Mechanic Arts.

SECTION 1. Be it enacted by the General Assembly of Maryland, That the members of the Maryland Institute for the Promotion of the Mechanic Arts, and all those who shall hereafter become members, shall be, and are hereby incorporated and created a body politic, by the name, style and title of the "Maryland Institute for the Promotion of the Mechanic Arts;" and by that name shall have succession, and be able and capable in law to sue and be sued, to plead and be impleaded, in any court of record or elsewhere; to make, have and use a common seal. and the same at pleasure to alter or renew; to receive donations, gifts, grants, devices and bequests, or other conveyances of money, goods, chattles, effects, lands, tenements and estates, real and personal, and the same to hold, use, sell or otherwise dispose of, and convey, and generally to do all such acts, matters and things, as are or shall be necessary to carry into full effect the objects of the said corporation; provided, always, that the property owned by said corporation shall not exceed in value one hundred and twenty thousand dollars.

Section 2. And be it enacted, That the members of the said corporation shall consist of Manufacturers, Artizans, and all persons friendly to the Mechanic Arts, who shall hereafter be elected in such manner, and pay such sum annually, or in gross, or an annual or life subscription, as the Constitution or By-Laws of the said corporation shall appoint or require: provided always, that two-thirds of the Board of Directors of said corporation shall be practical manufacturers or mechanics.

SECTION 3. And be it enacted, That the objects of the said corporation shall be the encouragement and prometion of manufactures and the mechanic and useful arts, by the establishment of popular lectures upon the sciences connected with them; by the formation of a School of Design adapted to mechanical and manufacturing purposes; for providing a Library, Reading Room and a Cabinet of Minerals, Models, and Me-

chanical Apparatus; for holding Annual Exhibitions or Fairs for articles of American Manufacture, and for offering Premiums, or awards for excellence in those branches of national industry, deemed worthy of encouragement; by examining new inventions submitted for that purpose, and by such other means necessary for the accomplishment of their objects as experience may suggest.

SECTION 4. And be it enacted, That the affairs of the said corporation shall be conducted and managed by a President, a board of Directors, and by such other officers, and in such manner, as the Constitution or By-Laws of the same shall authorise and provide; that such officers and directors shall be elected annually at a meeting of the said corporation to be held in the city of Baltimore on the second Wednesday in January; and that until the second Wednesday in January, in the year one thousand eight hundred and fifty one, the present Officers and Directors of the Society, to wit: JOSHUA VANSANT, President; James Murray and Edward Needles, Vice Presidents; Samuel Sands, Recording Secretary; William Prescott Smith, Corresponding Secretary; Thomas J. Clare, Treasurer; and Josiah Reynolds, C. W. Bentley, John Feast, Jessee Marden, W. Abrahams, Thomas Trimble, William Rodgers, E. Whitman, Jr., D. M. Adams, Wm. Bayley, C. Conway, Robert Errickson, Samuel McPherson, William Fergusson, Isaac Brown, H. R. Hazlehurst, John F. Davis, James Young, William Peters, John T. Fardy, Samuel E. Rice, William Robinson, Ephraim Larabee and B. S. Benson, Directors, shall conduct the affairs of the said corporation conformably to the Constitution and articles promised and agreed to by the members previous to the passage of this act.

Section 5. And be it enacted that the duties and rights of the members of the said corporation, the power and functions of the officers thereof, mode of supplying vacancies in office, the time of meeting of said Corporation and of the Board of Managers, the number which shall constitute a quorum at any such meeting, the mode of electing members, the terms of their admission, the terms which shall justify their suspension or expulsion from the corporation shall be regulated by the Constitution and By-Laws of said corporation now existing, or hereafter to be made, which the said corporation is hereby authorised and empowered to make and alter in the manner which may be therein mentioned; provided, that the said Constitution and By-Laws shall not be repugnant to or inconsistant with the Constitution or Laws of the United States or of the State of Maryland.

SECTION 6. And be it enacted, That the said corporation shall not issue any note, scrip or bill of credit to circulate as a currency.

SECTION 7. And be it enacted, That said act of incorporation shall inure for thirty years, and that the Legislature of Maryland reserves to itself the right to amend or repeal the same at pleasure.

We hereby certify that the aforegoing is a true copy of the Original Bill which passed both branches of the General Assembly of Maryland at December Session, eighteen hundred and forty-nine.

Given under our hands at the City of Annapolis, this fifteenth day of February, 1850.

GEORGE G. BREWER, Clerk House Delegates, Md. JOS. H. NICHOLSON, Clerk Senate, Md.

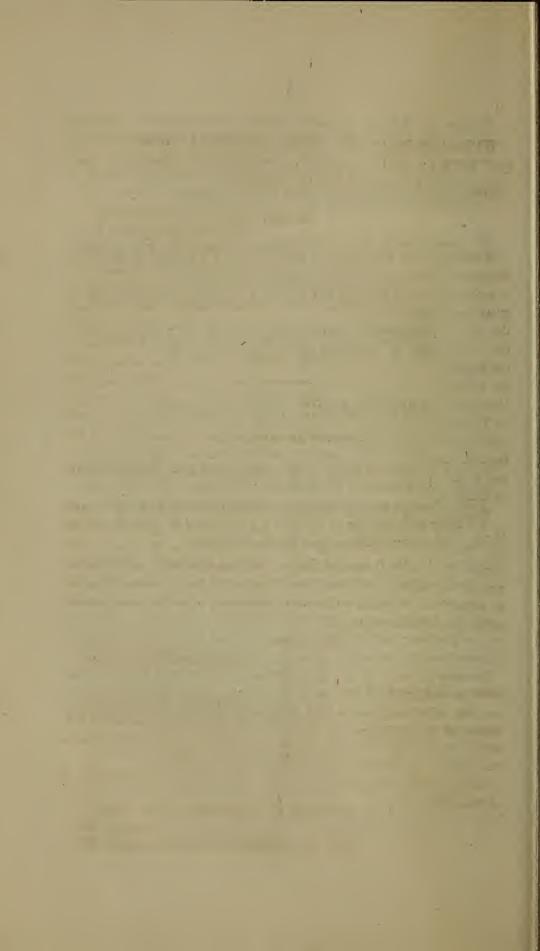
AMENDMENT TO CHARTER.

ADOPTED JANUARY, 1852.

AN ACT to alter and amend an Act incorporating the Maryland Institute for the Promotion of Mechanic Arts, passed December session, eighteen hundred and forty-nine, chapter one hundred and fourteen, so as to allow said Institute to establish a Department of Analytic Chemistry, and confer Diplomas upon Graduates thereof.

SECTION 1. Be it enacted by the General Assembly of Maryland, That the Maryland Institute for the Promotion of the Mechanic Arts, for the purpose of extending its means of education, is hereby authorised to establish a Department of Analytic and Applied Chemistry, and to appoint a Professor, and as many adjuncts for said Department, as the requirements of the same may, from time to time, demand.

SECTION 2. And be it enacted, That the Maryland Institute shall have power to graduate students in Chemistry, and to grant diplomas to such as, after examination and recommendation by the professor, are worthy of the distinction.



RESOLUTION OF THE GENERAL ASSEMBLY OF MARYLAND, granting an Annuity of \$500 to the Institute,—adopted February 8th, 1850.

By the House of Delegates, February 8th, 1851.

Whereas, the Legislature of the State of Maryland has evinced a disposition to encourage Agricultural labor, and has, by the appointment of a State Chemist, awarded to that branch of industry, the advantage of its aid in discoveries promotive to its profitable pursuit;—and whereas, the improvement and extension of the Mechanic Arts equally deserve the countenance and patronage of the State, and are alike conducive to individual happiness and State prosperity;—and whereas, acting under the influence of an enlightened spirit, the Legislature of Maryland at its December Session, 1829, by resolution No. 45, did contribute through its Treasury to the promotion of Mechanic Arts, which contribution was continued until by disasters the Maryland Institute, the then object of her bounty, ceased to exist;—and whereas, the Institute has been revived and is now in advance progress, and it is proper that its utility should be enlarged,—

Resolved by the General Assembly of Maryland, That the Treasurer of the State of Maryland be and is hereby directed, to pay annually to the President of the Maryland Institute for the Promotion of the Mechanic Arts, within one month after said Institute shall have held its annual exhibition, the sum of Five Hundred Dollars; provided, it shall be shown to the Treasurer that the said Institute is in efficient operation at the time of such payment.

By Order,

G. G. BREWER, Clerk.

State of Maryland, to wit:

Be it remembered, and we hereby certify, that the aforegoing is a true copy of the resolution in favor of the Maryland Institute for the Promotion of the Mechanic Arts, which passed both branches of the General Assembly of Maryland, at December Session, 1849.

Given under our hands at the City of Annapolis, this 23d day of April, 1850.

GEORGE G. BREWER, Clerk House Delegates, Md. JOS. H. NICHOLSON, Clerk Senate, Md.

OFFICERS FOR 1852.'53.

PRESIDENT. JOSHUA VANSANT.

Vice-Presidents.
WM. H. KEIGHLER,
ADAM DENMEAD.

Recording Secretary.
SAMUEL SANDS.

Corresponding Secretary.
WM. PRESCOTT SMITH.

Treasurer of the Institute.

THOMAS J. CLARE.

Treasurer of the Hall Fund.

JAMES W. ALLNUTT.

MANAGERS.

B. S. BENSON,
C. W. BENTLEY,
W. ABRAHAMS,
JOHN DUKEHART,
THOMAS TRIMBLE,
JAMES S. SUTER,
GEORGE R. DODGE,
WM. G. HARRISON,
AND. FLANNIGAIN,
JOSIAH REYNOLDS,
WILLIAM BAYLEY,
N. T. DUSHANE,

JOHN F. MEREDITH,
F. A. FISHER,*
EVANS ROGERS,
THOMAS STOW,
CHARLES E. WETHERED,
EDWARD NEEDLES,
WENDALL BOLLMAN,
WM. A. BOYD,
WM. S. THOMPSON,
SAMUEL E. RICE,
WM. H. YOUNG,
SAMUEL MARTIN.

Note.—The seven chief officers are also Managers ex officio, and with the twenty-four others, constitute a Board of thirty-one Managers.

^{*}At the July meeting of the Institute, Mr. Fisher resigned his seat in the Board, and Thos. J. Lovegrove was elected to fill the vacancy.

Standing Committees far 1852–'53.

ON THE EXHIBITION.

ADAM DENMEAD, CHAIRMAN. JOHN F. MEREDITH. JAMES S. SUTER, GEORGE R. DODGE, W. ABRAHAMS.

THOMAS TRIMBLE,
C. W. BENTLEY,
ANDREW FLANNIGAIN,
THOMAS STOW.

ON SCHOOL OF DESIGN.

CHAS. W. BENTLEY, CHAIRMAN. WENDALL BOLLMAN. NATHAN T. DUSHANE, THOMAS J. CLARE,

EDWARD NEEDLES, THOMAS TRIMBLE, THOMAS STOW.

ON LECTURES.

WM. PRESCOTT SMITH, CHAIRMAN. ANDREW FLANNIGAIN, EVANS ROGERS SAMUEL MARTIN, THOMAS J. LOVEGROVE.

ON THE LIBRARY.

WILLIAM BAYLEY, CHAIRMAN.
GHLER, WILLIAM H. YOUNG,
HART, WM. G. HARRISON. WM. H. KEIGHLER, JOHN DUKEHART,

ON THE HALL.

GEORGE R. DODGE, CHAIRMAN. WILLIAM A. BOYD, SAMUEL E. RICE, JOSIAH REYNOLDS. BENJ. S. BENSON.

ON THE CHEMICAL DEPARTMENT.

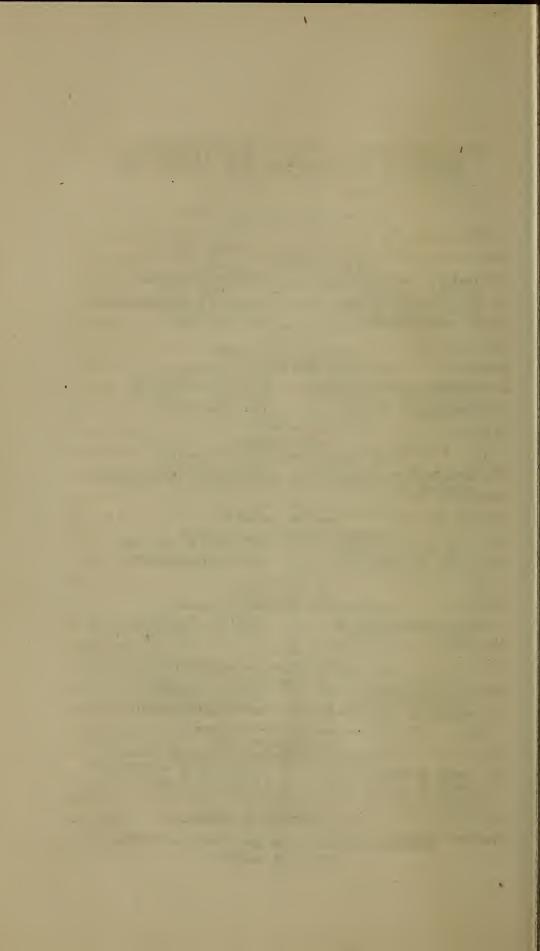
WILLIAM H. KEIGHLER, CHAIRMAN. SAMUEL SANDS, WM. S. THOMPSON, CHAS. E. WETHERED. ADAM DENMEAD.

FINANCE COMMITTEE.

JOSHUA VANSANT, CHAIRMAN.
GHLER, CHARLES E. WETHERED,
RISON, ANDREW FLANNIGAIN, WM. H. KEIGHLER, WM. G. HARRISON,

ACTUARY-JOHN S. SELBY.

PROFESSOR OF DRAWING IN THE SCHOOL OF DESIGN. WILLIAM MINIFIE.



PREAMBLE TO THE CONSTITUTION.

Whereas, the Mechanics, Manufacturers, Artizans and other citizens of Maryland, impressed with the importance of fostering the inventive genius of their countrymen, of exalting the character of the members of their respective professions, and of increasing the trade and business of the commercial mart of the State, and having associated themselves together, and obtained a charter from the Legislature of Maryland, under the name and title of the "Maryland Institute for the Promotion of the Mechanic Arts;"—to accomplish the the objects in view, have made provision:

- 1st. For holding an Annual Exhibition, where American Mechanics, Manufacturers, Inventors and Artists, and all who may have made any discoveries in the Arts and Sciences, may be enabled to exhibit the productions of their skill and ingenuity, in competition for the medals, diplomas, and other prizes which may be offered by the Institute for superiority.
- 2d. For examining and reporting upon the merits of new inventions and improvements whenever desired.
- 3d. For the formation of a School of Design, adapted to Mechanical, Manufacturing and Scientific purposes, in which the members of the Institute may be taught the art of Drawing and Designing, a branch of education so necessary in every business and profession connected with the Mechanic Arts.
- 4thly. For the establishment of Popular Lectures, on subjects mainly connected with Manufactures, Mechanics, and the useful Arts.
- 5th. For the formation of a Library and Reading Room, a Cabinet of Minerals, Models, and Philosophical and Mechanical apparatus.

6th. For establishing a School of Applied Chemistry, to be called the "Chemical Department of the Maryland Institute," where the science may be thoroughly taught in all its branches, under a Professor and Assistants.

In order to make the necessary provision, for effecting these desirable purposes, in obedience to the requisitions of the Charter, they have established the following Constitution and By-Laws for their government.

THE

CONSTITUTION.

ARTICLE I.—NAME AND OBJECT.

- Sec. 1. This Association shall be known and designated as the "Maryland Institute for the Promotion of the Mechanic Arts."
- SEC. 2. The objects of the Institute shall be the promotion and encouragement of Manufactures, the Mechanic and Useful Arts—and the mental improvement of the industrial classes.

ARTICLE II.—MEMBERSHIP.

- SEC. 1. Any person may become a member of the Institute in the manner hereinafter provided for in the By-Laws.
- Sec. 2. The members shall be divided into four classes, viz:—Members, Junior Members, Life Members, and Honorary or Corresponding Members.
- SEC. 3. MEMBERS shall be over twenty-one years of age, and friendly to the objects of the Institute.

JUNIOR MEMBERS shall be minors, not younger than four-teen years of age.

LIFE MEMBERS shall be such persons as pay twenty-five dollars to the Institute for Life Membership.

Honorary or Corresponding Members shall be persons of distinguished reputation, in connection with the objects of the Institute, or such as may have rendered it important service. They shall be elected by the Board of Managers, at their stated meetings, who shall report such election to the next stated meeting of the Institute. Two-thirds of those present shall be required to elect an Honorary Member.

ARTICLE III.—OFFICERS.

SEC. 1. The Officers of the Institute shall be as follows: a President, two Vice Presidents, a Recording Secretary, a Corresponding Secretary, a Treasurer of the Institute, a Treasurer of the Hall Fund, and Twenty-Four Managers, the whole comprising a Board of Managers, thirty-one in number—at least two-thirds of whom shall be practical Manufacturers or Mechanics, residents of the City of Baltimore.

Sec. 2.—Treasurer's Bond.

The Treasurers shall each give bond for the faithful discharge of their respective duties, in the sum of \$2000, with one or more securities, to be approved by the Board of Managers, said bonds to be renewed annually in cases of re-election, and in all cases to be given or renewed within 10 days of the election of either or both of the officers.

ARTICLE IV.-MEETINGS.

- SEC. 1. Monthly meetings of the Institute shall be held on the Second Wednesday of each month.
- SEC. 2. Special meetings shall be called by the President, on application of the Board of Managers, or at the written request of twelve members.
- SEC. 3. At the stated monthly meeting in April the Annual Reports of the Treasurers, Board of Managers, &c. shall be read.
- SEC. 4. The Annual Meeting of the Institute, for the election of officers, shall be held on the third Wednesday in April, when no other business shall be in order.
- SEC. 5. In default of an election at the annual meeting, the existing officers shall continue in office until others are properly elected.

ARTICLE V.-QUORUM.

SEC. 1.—Of the Institute. Any fifteen members present at the time and place appointed for holding the annual, special, stated and adjourned meetings, shall constitute a quorum

for the transaction of the ordinary business of the Institute, but thirty members shall be required to be present at all meetings for the election of any officer or officers.

- SEC. 2. All business shall be considered ordinary, except a proposition to dissolve the Institute, which shall be considered extraordinary, and shall require a majority of all the members to constitute a quorum for its consideration.
- SEC. 3. Notice of extraordinary business shall be given at least three months previous to that in which it is to be discussed.
- Sec. 4.—Of the Board. At all stated or first adjourned stated meetings of the Board of Managers, nine members shall constitute a quorum for the transaction of business.

ARTICLE VI.-MEMBERS' FEES.

- SEC. 1. Members, on their election, shall pay to the Actuary an initiation fee of Two Dollars, and an annual subscription of Three Dollars, payable in advance on or before the first day of September in each and every year.
- SEC. 2. Junior members, on their election, shall pay to the Treasurer an initiation fee of one dollar, and an annual subscription of one and a half dollars. They shall be entitled to such privileges, except that of voting—and subject to such regulations as the Institute or Board of Managers may determine.

ARTICLE VII.—ELECTIONS.

- SEC. 1. No member shall be entitled to vote if in arrears with his subscription; and in no case shall members be entitled to the benefits of the Institute unless they have complied with the requirements of the Constitution and By-Laws.
- SEC. 2. All nominations of elective officers for the annual election must be made at the stated meeting in March, or at least one month previous to the time of election; nevertheless, nominations may be made on the night of the second Wednesday in April, provided a majority of the members

present concur in a motion to that effect,—but no nomination shall be made upon the night of the annual election, except by unanimous consent;—and no election shall be valid, without the party shall have been duly nominated as herein provided. An election to fill vacancies caused by death, resignation or otherwise, may be had at any stated meeting of the Institute.

- SEC. 3. All officers of the Institute shall be elected by ballot; and in case of plurality of candidates, the lowest shall be withdrawn after each ballot succeeding the third.
- SEC. 4. The presiding officer shall have no vote while in the chair, except in case of a tie, of an election by ballot, or when the yeas and nays are called.
- SEC. 5. In all elections for officers of the Institute, a majority of the whole number of votes cast shall be necessary for a choice; *provided* there be at least thirty votes cast in each ballot at an annual or other election of officers.

ARTICLE VIII.—MANAGEMENT.

The Board of Managers shall have the management of the funds of the Institute, and all matters of finance connected therewith, and shall employ its revenues on the following objects, viz:

First. In providing an Annual Exhibition of the productions of American skill and industry, to be held in the city of Baltimore.

Second. In affording at all times every reasonable facility for the trial and examination of such new inventions and improvements as may be submitted to the Board for that purpose.

Third. In conducting a School of Design, adapted to mechanical, manufacturing, artistic and scientific purposes.

Fourth. In the establishment of popular Lectures on subjects connected as far as practicable, with manufactures, mechanics, and their collateral sciences.

Fifth. In the formation of a Library and Reading Room, a Cabinet of Minerals and Models, and Philosophical and Mechanical Apparatus.

Sixth. In fostering the Chemical Department of the Institute.

ARTICLE IX.—COMMITTEE ON INVENTIONS, IMPROVEMENTS AND DISCOVERIES.

SEC. 1. At the first Stated Meeting of the Institute in each and every year after the Annual Election, a Standing Committee on Inventions, Improvements and Discoveries, to consist of nine members, shall be elected by ballot, who shall serve until their successors are elected, and who shall perform the following duties:

Sec. 2.—Their Duties.

It shall be the duty of this Committee to take charge of all special applications to the Institute and Board of Managers for the trial, examination, or investigation of any new invention, improvement, or any scientific or mechanical discovery. They shall proceed at once after such application has been referred to them to make a full investigation of the subject, or appoint other and suitable skilful persons from the Institute to make such investigation or examination, as may be necessary in order to arrive at a full and explicit conclusion as to the merits of the case, which examination shall be made under their supervision, and the results of which in every instance shall be made known to the Board in a written and detailed report signed by themselves and the parties called in by them, which reports must set forth briefly the reasons that influenced their determination; and recommend such action in the premises by the Board in the form of resolutions, as they may deem proper.

No inventor or other person interested in the issue of an investigation shall be present while it is under the committee's consideration, except at their special invitation, and in cases

where there may be rivalry, all parties interested shall have the same privileges.

ARTICLE X.-INCOMPETENCY OR UNFAITHFULNESS.

- SEC. 1. Officers found incompetent for, or unfaithful in the discharge of their duties, shall be removed by a vote of a majority of the members present at any regular or stated meeting.
- SEC. 2. The Board of Managers may, and they are hereby authorised to declare the seat of any of their number vacant after an absence from the Board of three consecutive stated meetings, and report the same to the Institute, except in cases where leave of absence shall have been granted by the Board in advance. The Institute shall fill the vacancy in the manner hereinbefore provided.

ARTICLE XI.—BY-LAWS AND RULES OF ORDER.

By-Laws and Rules of Order for the government of the Institute, may be made or amended at any stated or special meeting, provided two-thirds of those present concur therein.

ARTICLE XII.—ALTERATION OF THE CONSTITUTION.

To alter or amend this Constitution, notice of the proposed amendment shall be given at any stated meeting of the Institute, but it shall not be acted upon until the next or a subsequent meeting.

ARTICLE V.—DUTIES OF THE STANDING COMMITTEES.

Sec. 1.—Duty of the Committee on Exhibition.

It shall be the duty of this Committee to make all the necessary arrangements for holding the Annual Exhibition of American Manufactures, at such time as the Board may designate. They shall have power to make all necessary contracts and disbursements, to carry out fully the object of the Institute in holding the Exhibition. They shall have prepared such gold, silver and bronze medals, diplomas, or other awards, as the Board may direct, as premiums for the first, second and third class American productions, of superior merit, to be determined by competent and impartial judges, and awarded by the Committee on Awards. They shall classify the articles exhibited, and shall nominate, subject to the approval of the Board of Managers, judges on the several classes, and as soon after the opening of the Exhibition as possible, afford them the best opportunity for their examina-They shall make explicit reports in writing of their proceedings at each stated meeting of the Board until the close of their duties.

Sec. 2.—Duty of Committee on School of Design.

It shall be the duty of the Committee on School of Design to make the necessary arrangements for opening the same, not later than the third week in November, and continue it open four months. They shall employ competent teachers to take charge of the School; establish rules and regulations for its government, and have the entire control thereof. They shall be personally present as much as possible during the session, see that the rules and regulations are observed and enforced, and afford such aid to the officers of the school as may be required. They shall make written reports to the Board at each stated meeting held during the time they are arranging for and conducting the School, and also a full report

at the close of the session, detailing the results of their operations, for the year, and showing the progress made in that Department.

SEC. 3 .- Duty of the Committee on Lectures.

It shall be the duty of the Committee on Lectures to make arrangements for, and to conduct a course or courses of Lectures, to commence in November, to be delivered at such times and place as they may determine, and make monthly reports in writing upon their preparations and arrangements.

Sec. 4.—Duty of the Committee on the Library.

It shall be the duty of the Committee on the Library to purchase all suitable books, maps, &c. to the extent of the funds appropriated. They shall see that the Librarian performs the duties required of him. They shall make such rules and regulations, for the government of those who visit the Library rooms, as they may deem expedient and proper. They shall see, from time to time, what books are out of order, or require re-binding, and have the same put in order. They shall make monthly written reports to the Board, of their operations, and upon the condition of the Library.

Sec. 5 .- Duty of the Committee on the Hall.

The duty of the Committee on the Hall shall be, to take charge of the Institute's Building, to adopt the necessary means for keeping it in repair, and rent it from time to time, as demand may be made for it. They shall report to each meeting of the Board all the rentals of the Hall, and present monthly a written statement of the same, with their receipts and expenditures.

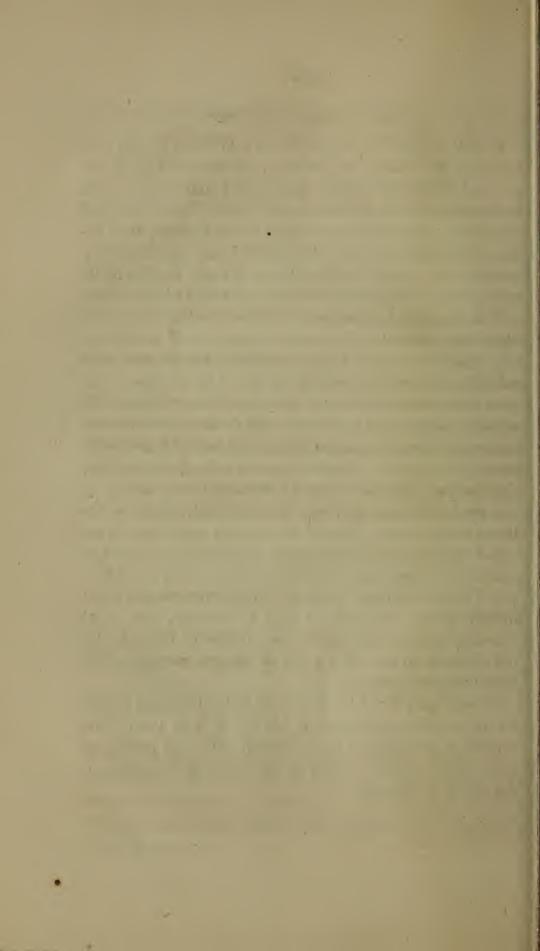
Sec. 6.—Duty of the Committee on the Chemical Department.

The Committee on the Chemical School shall extend a general supervision over its affairs, and confer at all times with the professor in the management of the Laboratory, reporting to the Board monthly the operations and condition of their Department.

SEC. 7 .- Duty of the Actuary.

It shall be the duty of the Actuary to attend at and take charge of the Hall of the Institute, see that it is kept in proper and comfortable order, and opened and closed at such hours as the Board of Managers or Committee on the Hall may direct. He shall have charge of the Library, the Cabinet of Minerals, Models, philosophical and mechanical Apparatus, &c. and be responsible for the safe keeping of the same. He shall also have charge of the books of the Institute and Hall, and under the direction of the Board or the Finance Committee, keep them in such manner as will at all times show the exact state of Institute and Hall Funds, and make monthly reports of the same to the Board of Managers. shall keep a correct record of all the members, alphabetically arranged; receive and credit each with the amount of dues annually paid; issue the annual tickets, and notify all new members of their election. He shall pay over to the Treasurers from time to time, as the Board of Managers may direct, all moneys by him received, and make monthly reports to the Board of the same. It shall be his duty at all times when called upon by any of the special or standing committees, to confer with them, and render them as far as lays in his power, all information and assistance in the arrangement or settlement of the affairs of the Hall or Institute, and at all times, as circumstances may arise, in view of which he has not authority to act, shall apply to the next meeting of the Board for instruction.

He shall give Bond in the sum of Five Thousand Dollars for the faithful performance of his duties, with two or more sureties, to be approved by the Board. He shall perform all other duties required of him by the Standing Committee or the Board of Managers.



RULES OF ORDER.

RULE I.

The following shall be the order of business at each meeting of the Institute:

- 1. The President shall take the chair at the appointed hour and call the meeting to order.
- 2. The minutes of proceedings of the last preceding meeting read and considered, except at special meetings, when the business for which the Institute was convened shall be first in order.

(Same as to minutes of special meetings.)

- 3. Proposal of candidates for membership, and election of the same.
 - 4. Reading of correspondence.
 - 5. Announcement of donations.
- 6. Report of Board of Managers, Treasurers, &c. read and considered.
 - 7. Reports of special committees read and considered.
 - 8. Disposition of deferred or unfinished business.
 - 9. Resignations considered.
 - 10. New business.

RULE II.

Should the foregoing order of business not be completed at any one meeting of the Institute, the order shall be resumed at the next meeting, where it stopped at the previous meeting, except that the first five branches of the foregoing order shall be called at each meeting.

RULE III.

The President, while presiding, shall state every question coming before the Institute, before suffering debate thereon, and, immediately before putting it to vote, shall ask, "Is the Institute ready for the question?"

RULE IV.

When the decision of the President on points of order is appealed from, he shall state his decision, and the reasons therefor, from the chair. The party appealing shall then briefly state the reason for his appeal. The question, when taken, shall be put thus, "Shall the decision of the chair stand as the judgment of the Institute?"

RULE V.

Every member, while speaking, shall confine himself to the question under debate; and avoid all personality and indecorous language.

RULE VI.

Should two or more members rise to speak at the same time, the chair shall decide who shall have the floor.

RULE VII.

No member shall disturb another in his speech, except to call him to order.

RULE VIII.

If a member, while speaking, shall be called to order, at the request of the chair he shall cease speaking, and take his seat until the question of order is determined, when he may again proceed, in order.

RULE IX.

No member shall speak more than once on the same question until all the members wishing to speak shall have an opportunity so to do, nor more than twice, without permission of the Institute.

RULE X.

All resolutions shall be reduced to writing, if required, before the President shall state the same to the Institute.

RULE XI.

When a blank is to be filled, the question shall be taken first upon the highest sum or number, and the longest time proposed.

RULE XII.

Any member may call for a division of a question when the sense will admit of it.

RULE XIII.

When a question is before the Institute, no motion shall be received, unless to adjourn, to take the previous question, to lay on the table, to postpone indefinitely, to postpone to a definite time, to refer, or to amend; and they shall have precedence in the order herein arranged, the first four of which shall be decided without debate.

RULE XIV.

If a motion to adjourn be adopted, and the Institute has not previously resolved on the adjournment, to meet at a particular period, the effect of the motion shall be to adjourn to the next regular meeting.

RULE XV.

The motion to take the previous question, may be made by any two members, and shall be put in this form, "shall the main question be now taken?" and if adopted, the effect shall be to bring the meeting to a vote upon the question pending at the time the previous question was called for. If such question was an amendment to an original proposition, the vote shall be taken upon the amendment first, and next upon the original proposition as amended, or not, as the case may be, and if the question pending is an amendment to an amendment, the question shall be first taken on the last amendment, and so down to the original proposition.

RULE XVI.

The effect of the motion to lay upon the table, if adopted, shall be to prevent the question being taken up again on the same evening without a two-third vote.

RULE XVII.

No resolution which has been rejected, shall be renewed at the same meeting, unless reconsidered as provided for in the 18th rule.

RULE XVIII.

Any question which has been indefinitely postponed, shall not be renewed at any time before the next monthly meeting, and then only upon the condition as explained in the next rule.

RULE XIX.

All votes, other than on amendments to the By-Laws or Rules of Order, or indefinite postponement, may be reconsidered at the same or next regular meeting, upon a motion made and seconded by two members who voted in the majority, provided the Institute agree thereto; but after a motion to reconsider has once been lost, it shall not be renewed.

RULE XX.

Every member present shall vote on all questions before the Institute, unless incapacitated under the provisions of the Constitution and By-Laws.

RULE XXI.

A motion to excuse a member from voting shall be put without debate.

RULE XXII.

When a motion has been declared carried or lost by the usual manner of voting, any member, before the Institute proceeds to other business, may call for a count.

RULE XXIII.

All reports of committees shall be in writing, and when read to the Institute, shall be considered as accepted, without a vote, unless objection be made thereto.

RULES OF ORDER

FOR THE GOVERNMENT

THE BOARD OF MANAGERS.

1st. The times of Meeting of the Institute, shall govern the meetings of the Board.

2d. The President of the Institute shall be Chairman of the Board, and in his absence a chairman pro tem. shall be chosen.

3d. Nine members shall constitute a quorum at all stated and first adjourned stated meetings—but at other meetings thirteen shall be necessary.

4th. At the appointed hour of stated meetings, the chairman shall call the Board to order, when the roll shall be called, and all absentees fined $12\frac{1}{2}$ cents.

5th. Members who shall appear within ten minutes after roll call, shall be exempted from fine—all others appearing after that time shall be fined $6\frac{1}{4}$ cents.

6th. The first business after roll call shall be the reading and approval of the proceedings of the previous meeting—then Unfinished Business—Correspondence—Donations—Reports of Standing Committees—Reports of Special Committees—and New Business.

7th. No member shall speak more than twice on any subject, nor longer than 5 minutes at any one time, without special permission of the Board.

8th. When a member is addressing the chair on any subject, the members shall observe silence.

9th. When a subject is under consideration no motion shall be made, but to adjourn, lie on the table, postpone, to amend, or the previous question.

10th. A motion for the previous question, to adjourn, or to lie upon the table shall always be taken without discussion.

11th. In voting on any question, the chairman shall always give the casting vote, if there is a tie.

12th. The funds collected for fines shall be safely kept by the chairman, and the Board shall, at its last meeting previous to a new election, dispose of them as it may please to determine.

13th. Absence from the city, or personal or family sickness shall be a sufficient excuse for non-attendance.

13th. The Board shall be governed by the Rules of Order of the Institute in all cases unprovided for herein, and in cases where no rule of the Institute has been provided, the ordinary parliamentary usage shall prevail, as collated by Cushing.

THE INSTITUTE'S HALL.

The following description of the Hall of the Institute, was originally prepared for the Scientific American, in which journal it appeared in October, 1851. As the building was then in an altogether unfinished state, the article has been medified to suit its present complete appearance.

THE GREAT MECHANICS' HALL AT BALTIMORE.

We have already noticed in our paper the rapid progress made by the "Maryland Institute for the Promotion of the Mechanic Arts," and have alluded, also, to the great building just erected by that flourishing society for its important purposes. As this building is now complete in all its parts, and as it deserves, from its extent and the laudable objects to which it is to be appropriated, more than an ordinary notice, we have gathered, through the officers of the Institute, the following particulars:—The site of the Hall is a very eligible one, fronting as it does on Baltimore street, (the Broadway of the Monumental City.) and within two or three hundred yards of the Merchants' Exchange, Post Office, and City Hotel. is that on which the head section of the old Centre Market stood, and has a sixty foot front, with a depth of three hundred and fifty-five feet to Second street. The basement story of the building, is a Tuscan Arcade, having seventy pilasters, with capacious archways, affording free access to the market, to the purposes of which this story is still devoted. pilasters, on each side of the building, are finished with cast iron imposts and archivolts of an appropriate design, corresponding with the finish on Baltimore street, where Connecticut brown stone is used for the first story. This market department is said to be the most complete and capacious in the United States. It has a twenty-feet ceiling, supported by one hundred neat cast iron columns in two rows. The butchers (by whom it will be occupied two mornings in the week,) design fitting it up in the most tasteful and appropriate style.

The Halls of the Institute, though over the market, and supported by the same foundation, are entirely separated from it. So well, indeed, has this been done, that a stranger might enter the Institute many times with-

out knowing that there was an extensive market house beneath it. The main entrance to the Institute, is by a large archway in the centre of the building on Baltimore street, where you ascend a double flight of steps. fifteen feet wide, to the first floor. On a broad platform, half way (ten feet) up this flight, there are ticket offices on either side. A spacious vestibule is reached at the head of these stairs, on either side of which, is a large office or dressing room. The grand stair hall, on this floor, is twenty-five feet square, at the back of which, is a large meeting or reception room, fifty-five by thirty-six feet, with a fourteen foot ceiling. Directly in front of the landing, at fifteen feet distance, is a doorway twelve feet wide, opening into the grand saloon; this room, "in the clear," is two hundred and fifty, by fifty-five feet, with a thirty-two and a half foot ceiling. It has twenty windows, ten on each side, which are each seventeen and a half by seven, and a grand promenade gallery, seven feet wide on the sides, and ten feet at each end of the room, running entirely around it, at a height of fourteen feet from the floor, and supported by eighty strong and beautiful iron brackets, set into the walls. the necessity of obstructing the main floor by pillars or columns, or of using suspension rods, is entirely avoided, and the floor is left entirely free and clear-the largest clear floor in America. This great room is finished in a simple but really beautiful style. The fresco painting upon the ceiling and walls, is one of the most artistic specimens of that kind of work that can be found any where. The design is chaste and architecturally appropriate, and the colors are rich and well blended. order to render this room fit for concerts or public speeches, due care has been taken. A beautiful cove is placed in the cornice, which has much mproved its acoustic properties. Though not containing as much ornament as some of our public halls, it is thought that, as a whole, this is the finest Ball or Exhibition Room in the country. Some two thousand persons may promenade the handsome galleries, while four thousand more may be seated, or six thousand could easily stand upon the main floor, making its capacity, in any event, very great.

On a level with the floor of the grand saloon, there are, in each of the end buildings, (see cut) large rooms, and above them are other large rooms, on a level with the gallery floor of the grand saloon. There is, in each of the end buildings, another floor still, with rooms equally as large as those below them.

The stair hall, on Baltimore street, contains a double flight of steps to the second and third floors. By means of the gallery, and the end rooms of the building, an ambulatory of eight hundred feet circuit is afforded, being nearly an eighth of a mile The gallery itself, in the saloon, is fully six

hundred feet in circuit. This second floor, on a level with the gallery, is divided into three rooms for offices, committee rooms, refreshment rooms or other necessary uses. The third floor of the front building, contains a very large room, (fifty-five by thirty-three feet,) with a twenty-two foot ceiling, which contains the Library of the Institute, and in which light iron galleries will be placed, at a height of twelve feet, when the increase of the Library requires. This beautiful room, as well as the Stair Hall, and all the smaller rooms at the north end of the house, are finished in the same elegant style with the Grand Saloon. Adjoining the library room, on this floor, and on either side of the stair-head, is a fine large room for reading classes, or retiring rooms. The grand stair hall, is lighted by an appropriate glass dome on the roof.

At the other end of the building, on Second street, there are three floors also; as already mentioned, all communicating with the grand saloon. These rooms, each fifty-five by forty feet, are to be used for the display of all working machinery, and such heavy articles as may be deposited at the Institute Exhibitions; and also, as the design rooms of the "School of Design." On the first floor, is placed a thirty horse-power steam engine and approved boiler, through which the motive power is derived at the Exhibitions. A large hoist-way, with an apparatus that will raise five tons at a time, has also been provided At this end of the building, two flights of stairs have been placed, leading to the street, for private uses, and by which an additional mode of egress is afforded to the immense audiences that throng the house. We will not undertake to add an estimate of the capacity of these various apartments, so numerous and so large, to that of the grand saloon; but the reader will not lose sight of the immense space contained in the building, after leaving the saloon out of view altogether. Besides all these apartments, the roof contains a store room two hundred and sixty feet long by twenty feet wide, and eight feet high. The whole building is brilliantly lighted at night with gas. The grand saloon, alone, contains about one hundred and sixty lights, arranged in two rows, upon handsome brackets with glass shades, around the face of the galleries. This arrangement will display the great size of the room to advantage, and afford a pleasing relief to the eye, dispensing, as it does, with the glare of light concentrated by the chandelier plan of lighting.

We have now given a hasty outline of the interior, and will add a few words upon the outside appearance of the building.

The style is Italian, of that type known to architects as the Astylar,

and embodies the novel application or combination of several features which may be called American. There is a striking architectural beauty and unity about it, though the architect was much restricted in presenting a complete structure, by several considerations that were forced upon him by peculiar circumstances. The end buildings, on Baltimore and on Second streets, are 75 feet high to the top of the cornice. The main saloon portion, which is between these higher ends, is fifty-four feet high to the crown moulding, or seventy feet to the apex of the roof. A beautifully proportioned cupola rises from the Baltimore street end, seventy feet high above the cornice, making an entire height of 145 feet. The cupola will contain an illuminated clock, and a space for a large city bell below it. The end on Second street, has a look-out, or a projection from the centre of the roof, twenty-five feet high, and in character with the finish at the other end. The central roof (over the saloon,) is finished with three small elevations at the peaks, that break its straight appearance, and answer the purpose of assisting the ventilation.

The walls are very heavy, and of the best Baltimore brick, laid flush. It has been painted with four coats of oil paint, to correspond in color with the brown stone of the basement on Baltimore street. The asherling of this stone is of finely pointed work, and the mouldings, capitals, cornices, &c., are rubbed. The numerous windows in the building, are trimmed with much fine work that adds very materially to the splendor of the outside. The roof is a most durable one, covered with large and excellent slate, of the best quality. The very best materials have been used throughout the building, and great care has been observed in insuring strength and durability. The foundation is as sound as a rock, the house being built upon six hundred and fifty large piles driven home, and firmly braced on the heads with immense timbers, surmounted again by six feet of solid masonry. The number of brick used in the building, is about 1,750,000. The cost of the whole building is about \$105,000.

The representation on the cover of this Constitution, gives but a meagre outline of this magnificent building. It does not fairly exhibit the finish of the arches, the cornices, the windows, the roof, or the cupola.

For the plan and details of their great edifice, the Institute is indebted to the practical skill and fine taste of Mr. Wm. H. Reasin,* one of its members, a practical builder, who has undertaken the profession of an architect. Mr. Reasin is yet a young man, and bids fair to establish an honorable fame in that beautiful science to which he has devoted himsels.

^{*} Now of the firm of Reasin & Wetherald, Architects.

The superintendance of the erection of the Hall, devolved upon Mr. Josiah Reynolds, one of Baltimore's most popular builders.

The general business management and control of the work, was en trusted to a building committee of seven managers of the Institute, who have performed their highly responsible and delicate duties in a creditable manner, and deserve great praise for having put up this splendid structure. Their names are Wm. Bayley, (chairman,) Josiah Reynolds, Benj. S. Benson, W. Abrahams, Sam'l E. Rice, Edward Needles, and Thomas Trimble.

EXTRACTS FROM THE

CLOSING ADDRESS,

DELIVERED BEFORE THE INSTITUTE, AT ITS FOURTH EXHIBITION, NOVEMBER 19th, 1851, BY THE PRESIDENT, JOSHUA VANSANT, Esq.

Ladies and Gentlemen:

Honored by the members of the Maryland Institute with the office of President, it is my duty to announce to this intelligent assembly, the names of those to whom awards have been made, and the character of those awards, for their superior excellence in their several arts. It cannot be expected that all who have honored our Exhibition with works of skill, can be gratified with the decisions of the Judges in the various classifications of articles, any more than can the infallibility of human judgment, be relied upon. The Managers of the Institute selected as arbiters those who are of acknowledged integrity as well as skill and judgment, and who, not being Exhibitors, could not be supposed to be influenced by considerations of private interest. In the discharge of the onerous duties which devolved upon them, many articles of merit have been overlooked, but, I am sure, that they have endeavored to perform faithfully and impartially, the trust reposed in them: if, therefore, they have omitted to notice all the articles of marked excellence, or have given decisions differing from the judgment of others, it is the part of charity to award to them the merit of honesty of purpose.

The brilliant scene now presented, carries me back to a period when Institutions of a character kindred to the Maryland Institute were first organized in America, and a few remarks, therefore, may be appropriately indulged in, to render in part justice to those who have meritoriously pioneered us in the

formation, and in the carrying out of the noble purposes of the Maryland Institute. As the organ, on this occasion, of that body, I feel at liberty to speak in the plural, and to say, that we do not claim for ourselves all the credit which promises to attach to an enterprise, foreshadowing such glorious results, but freely award the full measure of praise to those, who at an earlier day, conceived, and for a time successfully carried out the noble purposes of institutions tending to the advancement of the Mechanic Arts, and the sciences connected therewith.

In the year 1822, a few of the public spirited citizens of Philadelphia, aroused by the labors of Doctor Birckbeck and Lord Brougham in behalf of the mechanical industry of England and Scotland, convened for the purpose of forming a Society for the cultivation and encouragement of the Mechanic Arts, and for imparting instruction to those engaged at such labor; but, from various causes, their efforts failed of success. The more zealous advocates of the system, however, resolved upon the expedient of calling a town meeting, with the view of awakening their fellow-citizens to the importance of the measure, and, accordingly, on the 5th of February, 1824, a meeting was held at the County Court House, at which a series of resolutions favoring the project were adopted, as was also a Constitution for the government of the Association.

From that period may be fairly dated the organization of the "Franklin Institute of Philadelphia," being the first Institute of that character which had been, up to that time, successfully established in the United States. Its first Fair was held in October, 1824, and its twenty-eighth Exhibition has just closed. Every department of society has realized the benefits conferred by that Institution. The admirable system of conducting its operations, has been the guide for other similar institutions in this country, and is still worthy of emulation.

It was not long after the Franklin Institute went into operation, that our enterprising and popular townsman,-John H. B. Latrobe, (then but little more than a stripling,) determined upon the formation of a similar institution at Baltimore, and being encouraged in the prosecution of his project by Fielding Lucas, Jr. and others, a meeting was called for that purpose in the year 1825, and the first Maryland Institute for the promotion of the Mechanic Arts, was then organized. On the 10th of January, 1826, it was incorporated by the Legislature of Maryland, and in the preamble to the Act are inserted the names of the Officers and of the Board of Managers—to wit: President, William Steuart; Vice-Presidents, George Warner, Fielding Lucas, Jr.; Recording Secretary, John Mowton; Corresponding Secretary, Dr. William Howard; Treasurer, Samuel Hardin; Managers, James H. Clark, John D. Craig, D. G. McCoy, Jacob Deems, Solomon Etting, William H. Freeman, Benjamin C. Howard, Moses Hand, William Hubbard, William Krebs, Thos. Kelso, Robert Cary Long, John H. B. Latrobe, Peter Leary, William Meeteer, James Mosher, Hezekiah Niles, Henry Payson, Wm. Roney, Joseph K. Stapleton, Wm. F. Small, James Sykes, James R. Williams and Samuel D. Walker.

On the 6th of Nov. 1825, that Institution held its first Exhibition of articles of American manufacture, in a building in South Charles street, then known as "Concert Hall," and its second one at the same place in the year 1827. The members of that intelligent body believed that more could be accomplished for the Mechanical portion of the community, by keeping up, during all seasons of the year, courses of instruction through the medium of practical lectures, than by expending their means in exhibitions. They accordingly secured the services of the most intelligent men of the State in lecturing upon all subjects having a connection with the Mechanic Arts; and to aid the lecturers in the illustration

of their respective subjects, the Institute caused to be procured from France, philosophical apparatus, not surpassed in extent and quality, by any of the kind in this country. It had also acquired a library for the use of its members, comprising works upon the sciences, mechanics and literature.

The members of that Institute continued their labors with much assiduity and with great success, until 1835. On the 7th of February of that year, the Athenæum, then located at the south-west corner of St. Paul's and Lexington streets, which building the Institute occupied in part, was consumed by fire, and the entire properties of the old Maryland Institute were burned. This lamentable circumstance was so discouraging in its influences that it produced a speedy dissolution of an institution which had, during an existence of ten years, been productive of great public benefits. Its membership registered seven hundred and seven, comprising much of the intelligence, public spirit, and skill of Baltimore.

The major part of those who were of that body, have been bound by the hand of death, and laid in their "narrow halls." To their memories should be awarded the tribute of praise which gratitude claims for those who have finished well their task, and left the heritage of a good example, and rich fruits, the seeds of which they had sown for posterity. Of the surviving members, I am most happy to recognize in the catagory of the members of the present Institute—John H. B. Latrobe, Joseph K. Stapleton, Fielding Lucas, Jr., Samuel Childs, Jesse Hunt, Joseph King, Jr., Joseph Barling, John Rogers, and many others favorably known to this community.

Youth is the season of enthusiasm; it is impulsive, ardent, and quick to catch hold on objects which invite full scope for the faculties of the mind, or the physical energies; but when we see enrolled among our energetic members those who have reached a green old age, and who can scarce have a

hope to enjoy, in their day, the fruits for which they now toil—when we recognize in our council such men as Joseph K. Stapleton and John Rogers, we must be more than ever convinced, that the objects of the Maryland Institute deserve the employment of the best energies of its members, as the ends have commanded the favor and patronage of the public. To John H. B. Latrobe, who devoted, successfully, the energies of his mind to form the old Maryland Institute, and lent his aid in the organization of the existing institution, I offer, in the name of my co-wokers, the assurance of a grateful appreciation of his services.

At the period of the formation of the original Maryland Institute, Baltimore contained a population of about seventy thousand souls. The mechanical and commercial enterprise of the inhabitants thereof, and their reputation for probity in business pursuits, have increased the population to more than one hundred and seventy thousand, while its continued advance in population, in wealth, and in all that is calculated to characterize it as a great city, is no longer a problem, but a result, as certain as that attainable by the action of the principles of science.

On the 30th of November, 1847, a call was issued signed by Benjamin S. Benson and sixty-nine others, for a meeting to be held at Washington Hall, of all persons favorable to forming a Mechanics' Institute. In pursuance of the invitation, a meeting was held on the evening of the 1st of December proximo, at which Jesse Hunt was called to the chair, and J. B. Easter appointed secretary, after which John H. B. Latrobe delivered an address explanatory of the purposes for which the meeting had been convened. Even then doubts were entertained, by some of the friends of the measure, as to the ability of successfully effecting the object of the meeting; and evincive of those doubts, a motion was made, and seconded, to unite with a most praiseworthy Institution, then just establish-

ed, and styled "The Association for the Encouragement of Literature and Arts." But those who were more sanguine, believed that the isolation of the object, was indispensable to its success; that the purpose for which they had assembled, appealed to their public spirit and their pride of independence as a great industrial class; and challenged their undivided energies in the cause; and thus believing they refused to sanction the motion. At this meeting, eighty names were enrolled, and a committee was appointed to draft the form of a Constitution for the government of the body then assembled. On the 22d of the same month, the committee made a report to an adjourned meeting, and the Constitution submitted was unanimously adopted. The first election for officers and a board of managers, took place on the 12th of January, 1848. On the 19th of the same month, the board of managers met and organized. With a proper spirit, the new Maryland Institute commenced its career. Its first exhibition was at Washingington Hall, in the month of October, 1848. At the same, there were four hundred and fifteen depositors or exhibtors of arti-The gross receipts, from admissions to the fair, amounted to three thousand one hundred and sixty-three dollars; number of members, two hundred and seventeen. The second fair was held at the same place, in 1849. Depositors—four hundred and sixty; gross receipts—three thousand three hundred and twenty-four dollars; members-three hundred and twenty-three. The third fair was held at the same place in 1850. Depositors thereat—nine hundred and fifty-one; gross receipts five thousand six hundred and four dollars; members—six hundred and ten. Ladies and Gentlemen, you are present at the Fourth Annual Exhibition of the "Maryland Institute for the Promotion of the Mechanic Arts," and in the Hall dedicated to American invention, skill, and industry, and, I think, I may truthfully add, to American glory and independence.

After the first year of the formation of the Institute, the

managers of the same were ceaseless in their efforts to procure a suitable site for the construction of a building adapted to all the purposes of the body they represented; but no locality could be secured that did not present obstacles discouraging to the enterprise. I except him who has the honor of now addressing you, when I say, that the managers, who had, from time to time, been most judiciously selected by the Institute, were a fair representation of the intelligence, energy, and segacity of the Mechanics of Baltimore, and their labors, as the agents of that great body of their fellow-citizens, are meritorious of confidence and favor. But in the midst of the useful, was the mind that stirred the ashes of the old Maryland Institute until it rose, Phenix like, with a renewed animation, and a redoubled strength, from its long rest; there was the man, whose hard hands, muscular frame, and face scarce cleared of the smut of toil, indicated that he had, in the eating of his bread, faithfully obeyed the edict of God, but did not disclose the inventive genius, the sagacity, or the sleepless energy of Benjamin S. Benson. To that gentleman, modest in his pretensions, yet great in the honored essentials of conception and execution, are we indebted for giving to the existing Institute the first breath of animation, and of conceiving the idea of constructing a Hall, to facilitate its noble purposes, on the site of the upper Centre Market.

The enterprise of constructing the building, owes much to the citizens, who, having at heart the success of the Institute, and possessing confidence in the integrity of its members, subscribed liberally to stock in the Hall. The Mayor and City Councils of Baltimore, which assented to the use of the site, and appropriated fifteen thousand dollars towards the construction thereon of a handsome, commodious, and permanent market place to the great beautifying of the City in that part, which most needs the hand of improvement, eminently deserve the confidence and admiration of their constituency. To the

liberal owners of stalls inside of the market house, as well as to the occupants outside of the same, great merit should be attributed for the zeal which they manifested in behalf of the undertaking, and for the ready aid which they rendered during the progress of erecting the building.

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The present condition of the Institute evidences the most prudent and wise management, and also the appreciation and encouragement of a discerning and liberal public. There are now attached to it, one hundred and fifty-six life members—nine hundred and seventy senior members, and seven hundred and seventy-five junior members, making a total of nine-teen hundred and one, being an increase in membership, since the last exhibition, of twelve hundred and ninety-one. The proceeds of the present exhibition exceed twelve thousand dollars. Depositors or exhibitors of goods, two thousand forty-one, being ten hundred and ninety more than there were at the last or any former exhibition.

The objects of the Institute having been so often defined, that it would be profitless to you, as well as a tax upon your patience, if I were to attempt a full explanation of the matter. There is one department, at least, to which the public has given such general approval and commendation, and which promises such gratifying results, that I cannot, without much injustice to the senior and junior members of the Institute, pass unnoticed :- I mean that department which opens to the membership the School of Design. To all engaged in Mechanics, and to the apprenticed Mechanic in particular, is thus offered an opportunity for learning those branches in drawing, which are not only of the greatest importance and utility, but which are indispensable to a perfection in Mechanic Arts. There are nearly eight hundred junior members of the Insti-They are young men meritorious because of their exemplary characters, and because of their desire so to improve

themselves, as to render their labors advantageous to society as well as to themselves. These young men are not content with the performance of the mere physical task allotted to them by their parents or masters, but they have evinced a determination to understand the rationale of their calling, and to make themselves, in every essential, the masters of art. My life upon it, that they will, as a body, make better men—better citizens, and more skilful and more prosperous mechanics, than any corresponding number of young men in this City, outside of the membership. Does not a system which promises to accomplish so much good, challenge the support of every good citizen? Is it not a great public benefaction?

I need not enumerate the many varied and increasing uses to which the science of Chemistry is now applied for the convenience, economy, and profit of the world. It extends its benefits so generally to all the industrial and refined occupations of man, as to render a knowledge of it an indispensable part of education. To say nothing of its importance as regards the intellect, its agency to society has been one of beneficence exceeding that of the greatest charity. Besides extending its assistance to the promotion of arts, it ameliorates the evils of sickness by its additions to the Materia Medica; and by exposing the noxious prescriptions of the ignorant, and substituting curative remedies, stays even the agency of death. No one can tell what may yet be the result of investigations in Chemistry. No one can define its limit. "It is a searching agent which exposes the errors of those who blunder in the studies of nature—a confirmer of truths—a spirit that dives into the deep bosom of the earth, and reveals her riches—that soars into the high regions of the heavens, and brings away its lightnings—that, light-like, penetrates everywhere, and, like light, clears away all obscurities."

We must not, therefore, while enjoying the profitable issues

keep pace with the requirements of the times. It becomes us to have our own oracle to proclaim precepts in science; our own school for the education of our members. The artisan must be taught the rationale of his processes, so that he may work understandingly. Since a School of Chemistry is so essentially an adjunct of an Institute for the promotion of the Mechanic Arts, it becomes the duty of ourselves and the public, to co-operate liberally with the committee already raised for the accomplishment of that purpose, in creating the fund necessary for its erection. This can only be accomplished by free-will offerings, as the means of the Institute have nearly been exhausted in the construction of this Hall.

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The Institutions which are around and about us, dedicated to purposes of human improvement, will in their tendencies uplift the spirit of man and place each one upon a common platform with his fellow. To my brother mechanics, in particular, I appeal to avail themselves of the opportunities which are thus presented for their advancement in all that is useful and honorable. Mechanics of America, I invoke you to adopt the sentiments and profit by the precepts of the distinguished Edward Everett, of Massachussetts-"Respect your calling; respect yourselves. The cause of human improvement has no firmer or more powerful friends. In the great temple of nature, whose foundation is the earth; whose pillars are the eternal hills; whose roof is the star-lit sky; whose organ tones are the whispering breezes and the sounding storm; whose architect is God; there is no ministry more sacred than that of the intelligent Mechanic."

My task is nearly done. Thus far the progress of the Maryland Institute towards the accomplishment of its great purposes has been more rapid than its most sanguine friends anticipfited. The benefits already realized by the community

since its organization have, in the happiness which springs from a consciousness of having performed a service promotive of public good, more than repaid its most active members, for the time and toil consequent upon its management.

For the Institute, I thank the ladies and gentlemen of the State of Maryland, and of the City of Baltimore, for their patronage and encouragement. The triumphant accomplishment of the objects of the Maryland Institute is for the future. To that end I pledge the faithful labors of its members; and to that end also, ladies and gentlemen, a continuance of your co-operation is earnestly solicited.

A LIST OF THE

ALANNUAL IMEMBERSIA

OF THE

INSTITUTE FOR 1852.

(OR FROM SEPTEMBER 1st, 1852, to SEPTEMBER, 1st, 1853.)

Made up to 1st October, 1852.

Α.

Adams, D. M. Anderson, J. M. Arnold, Francis Abbott, E. A. Anderson, Thos. D. Abrahams, Woodward Adams, John C. Addison, Sam'l S Abbott, Horace Amos, James Amos, Dr Corbin Armstrong, J. Alnutt, Jas W. Adair, John Atwell, R. H. Addison, George C. Allen, James Adams, John T. Axer, John Arnold, George Adkisson, William Atkinson, David Ames, Hudson N
Adams, Thomas B.
Addison, John D.
Addison, R. Snowden Atkinson, George Armager, John Albaugh, Henry C. Acton, S. G.

В.

Benson, Benj. S. Brown, Isaac Balderston, Jacob Bartlett, D. L. Barnes, John H. Biddle, Peregrine, Bierbower, L. Brown, John S. Belt, Thos. H. jr. Butler, Samuel Brodbeck, Wm. Bollman, Wendall Bull, Isaac Brown, Jehu Boyd, Wm. A. Barnes, John H. Ballard, L. E. Blass, Wm. H. Browning, John W. Boyd, J. Howard Bectol, Samuel Brown, Radney R
Burgess, Thomas H.
Brown, Mathew J.
Brown, William A.
Baker, R. J.
Barry, George E.
Burn, James M.
Belt, Hickman
Brewer, Nicholas Brewer, Nicholas

Burnett, Samuel Bell, Thomas Bates, James Bevans, R. A. L. Bouldin, William Bosley, E. M. Brown, Robert, jr. Bruce, Robert Bannerman, J. B. Brown, William Bonsall, Louis Bennett, Benjamin F. Blake, Joel N. Bowen, Wm E. Bond, James H. Burford, C. C. Benson, William Brand, Alexander J. Bordley, S. C. Barnes, Winston Busch, Henry Bouldin, Alex. J. Beck, Thomas Broughton, P. W. Bird, Joseph A. Beacham, Silas Boyd, George S. Bayley, Edwin Bangs, Charles Barber, W. E. Barber, S. W. Billmeyer, Joseph

Betton, Thomas W. Barling, Joseph, Sr. Beacham, Wm. Boury, Edward A. Buchanan, W. C. Bromby, Joseph Bolton, Henry Bankard, Joseph J. Brown, Samuel Sr. Barling, Henry A. Balderston, Josiah Barstow, Joshua Bier, Jacob Biggs, Robert, Battee, R. N. Bines, Robert Brice, Wm. N. Bonn, Anthony Bailey, Lewis E. Bruce, John M. Brown, George W. Burchall, Thomas W. Brice, N. C. Babb, Prof. T. D. Benson, John P. Bradley, Wm. C. Brooks, William Barnitz, Covington D. Beacham, John S. Balderston, O. H. Brashears, John B. Bromley, John L. Bartholomew, Joseph Bickel, Philip F. Barling, Joseph, jr. Burke, Wm. T. Boyd, F. H. B. Bilson, Samuel Barrett, Francis O. Brown, Levi K. Bartol, James L. Bevan, Thomas Bowers, Rufus K. Black, John Blair, L. P. Bond, Daniel C. Barton, William N.

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Clare, Thomas J.
Cox, John R.
Cochrane, John
Coles, William
Cariss, Samson
Cloud, C. F.
Cross, Richard J.

Cortlan, James Curlett, John, jr. Cole, Wm. P. Caldwell, Wm. Q. Child, Samuel Cohen, Jacob I. Crawford, William Clendinen, Robert Cook, John F. Caskey, Robert Catheart, Wm. H. Codd, Edward J. Carter, Clement Coale, S. Robinson Clackner, G. F. Crawford, Wm. H. Cooke, George Cook, John T. Clark, Levin P. Crummer, E. A. Cook, Isaac P. Chandler, Edwin Chiffelle, Thomas P. Cohen, Doct J. I. Chester, William Carter, Jesse Conaine, Lewis Cohen, Israel Carson, S R. Coleman, Capt Cooper, Samuel Caughey, Benjamin Cotterell, Clark Cummins, John Caughey, J. H. Chadburn, John Clotworthy, W. P. Campbell, John F Crane, Dr. W. B. Cragg, Henry Crocker, C. W. Cockran, B. W. Cherry, T. F. Cox, William Cobb, Josiah Carroll, Henry J. Camp, James L Champlain, J. Bond Cooper, John H Chapson, D. S. Clark, George T. Carlile, James H Christy, Robert Crookshank, John Clendenin, Dr. Alex. Clackner, Joseph Chappell, P. S.

Childs, Samuel Jr. Chestnut, Capt. Saml Carroll, Thomas Coughlan, William Coale, Nathan Clark, James G Christopher, Josiah Cruser, Isaac Cooper, Hugh A Carter, Duras Cole, James W. Cunningham, W. Amos Carroll, Charles C Cowles, Henry M. Clautice, George, jr Clarke, Richard T. Carman, M. Conrad, G. M. Jr. Cox, Jennings S Cummings, Walter B

D.

Daffin, Benjamin Daniels, Walter Denmead, Talbot Davis, John R. Dixon, Thomas Dunlap, Charles Davis, George A. Duvall, A. Duncan, H. W. Dushane, Nathan T. Dukehart, John Dailey, John Deitz, John B. Dungan, Stevenson Doane, Jabez W Dukehart, J. P. Dungan, A. S. Daugherty, Edward
Danskin, Washing'n A
Dorsey, J. L. W.
Dobler, George Dude, Frederick W. Darlington, Howard Dix, J. F. Day, William S. Daffin, Robert S. Diffenderffer, Henry Davis, Henry Winter Daiger, Matthias A. Denny, John Done, John H. (Somerset County) Day, Jacob Davis, Dr Charles S.

Davis, William T.
Dawes, J. L.
Dunn, Michael
Dorsey, Wm. H. G.
Downs, John
Dunbar, Dr J. R. W.
Duvall, Wm. B
Dellahay, Edward H.
Dare, Wm. H.

E.

Emory, Samuel Ellicott, Benjamin H. Emich, David J. Eareckson, Vincent O. Eisenbrandt, C. H. Emery, John B. Ellicotts, Evan T. Ely, John N. Evans, George Ellicott, Wm. M. Etchburg, John F. Easter, Hamilton Emery, Charles L. Eldridge, Robert Evans, Thomas Eareckson, Federal Essender, Dr. James Eichelberger, E. M. Ebaugh, David Eastman, J. S. Emory, William H.

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Ferguson, William
Fulton, James
Fardy, John T.
Feast, John
Fulton, L.
Fowler, Francis
Fales, Nathan
Foy, James
Friese, Philip C.
Flannigain, Benjamin
Foreman, T. E.
Fink, Albert
Ferguson, J. H.
Forrester, William
Furlong, John
French, Andrew
Friend, Alfred
France, Capt. Richard
Ferrandini, Cipriano
Frailey, Leonard
Farren William H.

Foreman, Valentine Forsyth, David J. Fowler, John K. Fairbank, William J.

G.

Gardner, James Gardner, Alfred S. Grape, Henry Golder, James C. Gatch, Conduce Gorsuch, Jehu Gaehle, Henry Gates, Ezra Gaskins, Samuel S. Griffith, G. S. Gill, Jabez Gilpin, James S. Gable, John Grice, Edward L. Gill, Noah Gittinger, Benjamin F. Getty, James Gross, J. F. Gorsuch, Wm G. Graves, Edward B. Gosnell, Philip H. Gambrill, H. N. Gale, Robert E. Gelbach, George, jr. Gott, Jackson C. Green, H. T. Green, Nathan G. B. Green, Amon Gray, Charles E. Griffiss, T. J. Gordan, J. B. Guinter, Conradt Gregory, Joseph Gody, Thomas Gilbert, Lewis Y. Gambrill, Thomas George, James Gover, G. P. Griffin, Elias P. Griffin, Thomas D. Gillingham, Geo. H. Graham, John Green, Joseph D. Geise, J. Henry Gootee, George S. Glanville, J. W. Getty, Robert Gallagher, Chas R. Gross, Jacob Gwinn, Chas J. M.

Green, Charles B.
Godman, Thomas S.
Gover, Gerard
Gilpin, Thomas H.
Green, George W.
Gore, John W.
Giles, William Fell
Grove, Francis
Gibson, George
Garland, James
Gamble, Thomas
Griffith, Edward L.
Gardiner, Thomas H.
Groves, David

H

Hunt, Jesse Harrison, Jos. O. Hazlehurst, H. R. Hoss, John F. Haskell, John H. Hays, Samuel J. Hull, William Hays, Robert Horn, Matthew Holden, Enoch P. Hill, John H. Hibbard, Israel Hogg, William Holland, John C. Hunt, G. H. Hindes, Samuel Hildebrandt, Herman Holloway, Charles Hawkins, Charles Hindman William Herring, J. Q. A. Hale, Joseph A. Hindes, Moses G. Hawley, G. K. Herzog, John Hincks, Samuel Howard, Robert Howard, William Hambleton, T. E. jr. Howell, D. C. Holmes, Robert S. Hopkins, William Heuisler, John F. Hollins, J. Smith, Hollins, Robert S. Henniberger, William Hart, Samuel Hughes, Thomas S. Hambleton, T. E. Hollins, Cumberl'd D. Hooper, Robert

Howser, Jacob R. Hetzell, John G. Heath, Dr. H. W. Hodges, Benj N. jr. Heald, William Hardesty, John G. Hensel, Philip Henderson, James Hulls, John Hopkins, John L. Hanna, John H. Hartley, Joseph Hiss, John F. Hodgkinson, John M. Harris, James H. Hill, Dr Jos H Hadel, Dr J. F. C Henkle, Ferdinand Herzberg, Philip Hughes, John F Hall, Richard Hooper, Augustus D. Hazel, Henry Haslup, Rezin Herr, Michael Hoy, Alexander Hartshorn, Joshua Hull, Robert Hart, William J Hill, Wm. B. Hinesly, John Harrison, William G. Hayward, Ely B. Hayes, John Lewis Harrison, Z. G. Helm, John F. Holloway, Edward Holtzman, John D. Hardesty, John E. Hickman, Nathaniel Hiss, C. D. Hank, J. B. P. Hess, Dr Frederick Henderson, James Herzog, Valentine Hopkins, D Meads Hudnall, Milo F. Hurtt, Henry N. Hurst, John Hunt, J. W. Henrickson, Saml W. Haslup, Leroy F.

J.

Jacobs, James M. Jenkins, James W.

Jeffreys, Thomas R. Jockel, Conrad James, Henry James, Thomas Jamet, Edward Irons, Emanuel Jones, J. B. Johnson, William H. Jarboe, John R. Johnson, Robert Irvin, John A. Johnson, William R. Ives, Wm. M. Sr. Jackson, James Johnson, James Jackson, James R. Jones, Thomas Jones, John Ijams, John Jarrett, Henry C. Johnson, James Jannette, La Fevre Johnson, Wm. Henry Johnson, Philip Jr. Jenkins, Henry W. Ing, John H. Jarvis, Richard B. Irving, Thomas J. Ing, Charles

K.

Kennedy William W. Knabe, William Kennedy, Michael Kane, George P. King, Joseph Keighler, William H. Kridler, John T. Kalbius, Daniel Klinefelter, Jesse Krebs, Henry W. Kennard, George J. Kinnaird, Alexander Kreis, G. W. King, James T. Keys, Benjamin C. Kernan, Edward Klare, John B. Kerr, Robert Kelso, Thomas Kelso, John Thomas Keener, Charles H. King, F. W. Kirker, John Kahlert, Henry Kelso, John R.

L.

Lawton, John L. Lucas, Fielding Jr. Lee, S. S. Lucas, John W. Larrabee, Henry C. Leslie, Robert Lovegrove, James Laws, J. T. Latrobe, Benjamin H. Lee, Elisha Lavender, Benjamin A. Lucas, James Long, Lewis S. Levering, Dr. James Logan, James H. Lamb, Thomas P. Lanning, William N. Luttz, John S. Larkey, John Lapouraitle, A. P. Lamden, Edward S. Lang, James Leffler, Daniel F. Lycett, George Lynch, John S. Levering, A. J. Lamden, Thomas J. Lyon, John H. Lycett, William C. Levering, Clinton Lawson, James Lee, John W. Lucas, Charles Z. Long, Richard D. Lovejoy, Samuel Lowndes, J Leloup, Charles A. Loney, Robert W. Lambdin, John Lewis, Stephen Lewis, Martin Littig, Philip Lloyd, B. Rush Lusby, Edward R. Lee, James F. Leniz, C. W. Lester, Thomas Lannay, Lewis F. Lansdale, Francis A. Lester, Samuel T. Ladmore, Thomas Lamb, Francis F. Lee, George Lloyd, J S. Lyons, William H.

McMullen, John Martin, Samuel Mullen, Philip H. McPherson, Samuel Murray, James Miller, Enoch Marden, Jesse Murray, J. (millwright) Miller, William McKim, William McKim, Haslett Merrill, James H. Mohler, Edward Matthews, Joseph Manning, J. C. Matthiott, Augustus B. Morris, Charles T. McPherson, James Mety, Richard A. Merchant, Joseph A. Martin, David Matthews, Samuel H. Maughlin, William M. Millholland, R. D. Miller, John P. McKim, John S. Murdoch, Richard Matthews, Thomas Marley, Richard Mitchell, E. T. Mills, S. S. Middleton, Robert Mahaney. John McClees, Ellis B: McWilliams Daniel J. McCubbin, Charles T. Moore, William T. Martin, John J. Murray, William J. Mettee, William H. McMurray, John McClymount, Wm. Jr. Mathers, James Merryman, George McCanahan Reuben McElderry, Hugh Moody, John B. McNeal, A. L. Morse, Thomas W. McDonald, C. S. Martin, Thomas H. McClellan, William H. Miles, Richard D. McPhail, William McMiller, George G. Massie, Dr. William R.

McCourt, A. Montgomery, Samuel Morris, John B. Muller, James N. McAllister, Capt. Rd. Mason, Richard McNeal, Lloyd Miliholland, John G. Miller, A. H. May, Edward McMurray, James Millington, John N. Miller, Francis A. Jr. Merritt, Jacob Milnor, John P. Jr. Moke, George W. McHenry, James Milliken, James Mankin, Rinaldo T. Merrick, R. T. Matthews, Thomas J. Miller, Christian McNeal, James Macomber, Gideon Mitchell, Edward McComas, James A. McComas, Isaac T. Moore, John H. McDowell, R. Mann, Ernest Miller, John T. Mitchell, George Morton, Washington Mitchell, James Montgomery, Wm. S. Meacham, Randall Marston, L. W. Moore, David M. Macall, Dr. Mace, Carville V. Martin, David A. Moran, Dr. John J. Marshall, Henry Millis. Laertis O. McNable, James Moore, J. Faris Mercer, Charles H. Mankin, Henry Muller, Louis McDonald, Alexander Maxwell, John Moon, Edward H. Markland, William T. Montgomery, James Morrison, James Mason, William, Jr. Myers, John

McMacken, John Medtart, H. C. Martin, William E.

N.

Needles, E. M. Newman, Wm. W. Ninde, James C. Needles, Charles E. Neely, R. W. Nalls, Benjamin F. Nicholson, Edwin Norman, James R. Nouges, Joseph Nichols, Warren Neilson, George Neale, George Nizen, Thomas A. Neale, Francis Norris, James Northerman, C. Needles, John Newell, Peter Nichols, R. H. Norwood, Lambert S. Nichols, William J. Numsen, John W.

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Odell, James H.
Oliver, William
Orndorf, John H.
Onion, Edward D.
Oetinger, Moses
O'Brien, Matthew
Orrick, John C.

P,

Peters, William Phillips, William M. Poole, Robert Packie, Alexander Porter, Robert B. Preston, William P. Parr, James L. Pope, Franklin T. Pollock, Henry Patten, William, Jr. Pennington, J. Perine, Maulden Pope, George A. Phillips, Joshua T. Phillips, Isaac Peters, William C.

Phillips, James T. Parks, James H. Phillips, Solomon H. Payne, James Placide, Henry Peters, William H. Porter, George W: Palmer, George M. Phillips, A. Peregoy, Caleb Parkhurst, G. T. Parkhurst, S. Perry, Allen A. Petherbridge, Edwd. R. Plummer, John T. Peregoy, Robert Henry Passeay, J. A. Piet, J. B. Phillips, T. Porter, Henry Prentice, Summer Placide, Matthew P. Pitt, Thomas J. Perkins, Dr. E. H. Purcell, John J. Purden, Furgus Priestly, Howard Phillips, John Phenix, Thomas Primrose, W. G. Posey, John P. Parker, William Pyfer, Philip H. Parks, Lloyd B. Potter, James Page, William Patter, Richard Perkins, P. L. Perry, B. A.

Q.

Quail, George K.

Rowe, Spencer, Jr.
Rodgers, John
Robinson, E. K.
Robinson, William
Rodgers, Wm.
Reasin, W. H.
Rodgers, George H.
Rogers, Evans
Reeder, Charles Jr.
Russell, Wm
Reese, Henry
Reynolds, Israel C.

Raymond, Saml. W. Robb, John A. Jr. Robinson, Francis Reip, Laurence J. Reynolds, R. N. Rosenwig, E. Robinson, Thomas H. Ring, Dr. Hamilton Rutledge, William Rea, John E. Rooney, Patrick Rhodes, Henry Reynolds, Chas. A. Reitz, Philip Robins, Benjamin Reynolds, Jesse K. Rodenmayer, F. T. Richardson, George J. Raymo, Lewis Rheim, Jonah G. Russell, John Roberts, Dr. G. C. M. Rosenburg, G. Robinson, Benj. Russell, Michael Reindollar, J. T. Reese, Andrew Roche, Michael Roney, John Rosenfeld, Simon Reynolds, B. R. Rains, Charles H. Russell, John A. Rogers, James S. Robinson, Charles Rea, John H. Russell, Alexander Reynolds, V. Dewit C. Reilly, George Richardson, Edwd. A. Ross, Edwd. C. Russell, John Richardson, W. E. Ring, David Roberts, Joseph Redche, D. E. Rush, Thos. Jefferson Rosenburg, Abraham Ring, Moses Root, Heury R. Ridgely, Chas. D. Ritter, Chas. W. Jr. Reddish, John H. Rupp, Wm. H. Reese, Edward Remly, George W. Ryan, John

Reed, Edward W. Root, Daniel Robertson, Alexander Rogers, Edwd. L. Roberts, J. McLain

S.

Stapleton, Jos. K. Smith, Samuel Saunders, J. Mowton Shannon, J. P.
Smith, Wm. Prescott
Small, David B. Stansbury, Elijah Seeger, Jacob H. Shoemaker, W. S. Shriver, J. A. Sisson, Hugh Snowders, Henry Suter, James S. Stewart, Joseph W. Schaeffer, F. Littig Stow, Thomas Sykes, James Stran, Wm. H. Sparhawk, S. Simms, Joseph Starr, Benj. F. Shephard, Moses Schoolfield, L. A. Sexton, S. B. Smith, Henry C. Smith, Thomas Stewart, Glendy Starr, George W. Starr, John A. Stevenson, Jos. L. Seemuller, Augustus Stanley, John Shipley, L G. Slade, Edward Selby, John S. Sherwood, Wm. S. Street, Thomas Spies, John G. Smith, Dr. G. B. Schoffield, B. Smith, Thomas T. Smith, Henry M. Sterrett, James Shurtz, W. D. Shaw, J. L. Searley Charles R. Stanley, John P. E. Shoemaker, J. M. Shaw, Matthew

Shoemaker, John Stansbury, Wm. J. Starr, Joseph Slater, James Servary, Lewis Shaw, Wm. S. Shaw, Wm. T. Swift, M. C. Stewart, James V. D. Stockett, J. Shaff Streeter, S. T. Swatka, F. A. Sprague, E. R. Starr, Edward G. Steifel, Julius Street, Thomas Scheib, Jacob Startzman, David Stone, James H. Spies, Charles L. Sheets, James M. Stewart, John Silke, J. Freeman Shanks, Thomas Shrote, Wm. T. Smith, J. Christian Stewart, Thomas Sullivan, John C. Simpson, John R. Sitler, Morris Sinclair, Robert, Jr. Sutton, James L. Super, Daniel Solomon, Isaac Sharp, A. P. Stewart, W. A. Street, Thomas Standy, Edwin Schwartz, Julius Stewart, Wm. C. Stevens, George G. Street, John C. Spedden, Edward Sayler, Frederick Sehmayer, S. Soper, Edward Shipley, Charles E. Summer, John S. Sloan, George T. Sylvester, Thomas H. Shultz, Samuel Shakespeare, Edward Smyth, William Snow, E. H. Saisfield, Stephen J. Slicer, William Shuler, Arnold

Sanderson, Col. Henry Sweany, John H. Simmonds, Dennis

T.

Townsend, Samuel Thomas, Joseph B. Tyson, Isaac Jr. Tegmeyer, J. H. Trump, Charles
Trump, Newbold C. Taylor, Robert Q. Turner, John C. Tyler, G. C. Trott, Wm. H. Trotton, Thomas Tishmeyer, L. Tall, William Taylor, Wm. S.
Turner, J. Maybury Tyson, John P. Trego, William Trayser, Philip P. Trimble, John C. Taylor, Levi Taylor, Henry Tall, Joseph Taylor, Robert A. Timanus, John T. Forney, P. J. Thorpe, W. W. Temyer, Frederick Tracy, P. J. Turner, Robert Tull, Thomas J. Talbott, William A. Tilyard, A H. Thomas, Dr. John C. Thompson, S T. Toole, John E. Tollard, William Thomas, John Thomas. James P. Tyson, George Thompson, A. D. Tennant, Thomas Tewksbury, G. D. Taylor, William Tanner, Benjamin Thruston, M. Tilyard, H. W. Talbott, W. F. Towson, Obediah

U.

Uhler, Erasmus Upshaw, J. M. Uhlhom, F. J.

v.

Vansant, Joshua Virdin, Captain W. W.

w.

White, Thomas P. Wisong, William A. Waite, R. C. Wright, Joel Wilson, Robert Wells, John Webb, George W. Wooddy, Richard H. Whitman, E. Jr. Winans, Ross Wethered, John Welch, John Woodcock, Jesse Wright, William E. Wilson, John H. Wickersham, John Wilson, Samuel Warner, Andrew E. Jr. Wright, William Wheedon, James C. West, Charles Watson, James T. Worley, Adam Wright, John W. Waters, George W. Williams, George A. Warfield, Alfred P. Walker, Charles W. Wood, James H. Westwood, Henry Clay Wilks, Jabez Winkleman, John W. Webb, Gustavus Warford, R. C. Weaver, John H. Wilman, George Wheat, John B. Warder, George A. Wilson, P. T. Waskey, Benjamin Watkins, John T. Welch, Warren Welch, John B. Wales, S. H. (N. Y.)

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Wheeler, James C. Williams, William

Y

Young, James
Young, John
Young, Joshua
Younger, F. A.
Young, William H.
Yarrington, John
Young, William G.
Yeates, Dr. J. L.

Z

Zimmerman, George J.

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A.

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В.

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Bobert, William
Barger, Deeter
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Dukehart, Sam'l T.
Darling, F. Taylor

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Eastman, Henry Wm.
Eastman, William M.
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Elder, Francis H. Jr.
Eareckson, Charles F.
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Ebert, C. A.
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Glenn, Samuel
Greese, E. V.
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Graham, James
Gregory, Jos. H. D.
Galloway, Jesse
Gambrill, H. W.
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Gwyn, C. L.
Gayton, Charles T.
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Graham, John T.
Griffith, Henry C.

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H

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Hildebrande, H. K.

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Kimberly, Henry E. Krems, Joseph F. Keighler, Wm. H. Jr. Keighler, Samuel A. Keighler, J. Chickley Kavanaugh, James

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Lovejoy, Samuel A. Larrabee, E. W. Lebranthwaite, J. L. Littig, A. W.
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Leintsz, William
Lewis, W. M.
Lucas, R. H.
Longpre, William
La Favre, Ferdinand Lee, Jesse W. Jr. Lybrand, George H. Lester, Joseph W. Lucas, William R. Lears, John Larrabee, Ephraim Jr. Larrabee, George Lawson, James T. Lusby, William H. Lambert, George W. Linginfelter, Louis Leeke, William H. Long, Thomas W. Lawrence Hammond Letournau, John M. Lippencott, H. C. Lewis, Jacob S. Larrabee, E. F. Lamb, James Lloyd, William H. Lewis, Jos. N. Jr. Lefevre, Wm. H. Lear, George H. Lear, David W. Lynch, Joseph Littig, N. B.

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Medairy, Charles Millholland, Thos. T. McCauley, Reuben McCracken, Thos. C. Makibbin, Thos. A. Munroe, D. S. Mullen, James E. A. Matthews, Thos. R. Moore, Edward Morrison, James H. Mowbray, James H. Milburn, John Moke, Henry Clay Mason, William Mitchell, John J. Mitchell, Alexander Miller, William McElroy, William V. Mearis, Ferdinand Maken, Wm. F. Moore, Thomas Marshall, Nathan S. Maslin, Edwin Milnor, Joseph Marriner, Wm. W. McCadden, John F. Morrow, Robert G. Michael, Lewis D. Meakin Nathaniel McClenahan, Robert Most, John T. McJilton, Wm. D. Moore, John Moxley, Thomas D. McKenzie, Thomas Metzger, Franklin Magruder, Robert B. McTrewen, Thomas Miles, G. Frederick B. Mercer, Wilson C. Myers, Daniel A. McCleery, R. W. Mattingly, John F. McElroy, Matthew Marriott, Geo. H. M. Murray, William Murray, Andrew McGill, Patrick Numsen, Peter

N.
Numsen, Peter
Nicholson, Jacob K.
Nash, Thomas
Nicholson, Chas. G.
Newman, Edward P.
Navy, George W.
Neale, John Henry
Norris, John C.

Norris, Richard Norris, John P. Needham, Asa Jr. Norwood, Jerome Nicholson, H. Q. Nicholson, James Nizer, Samuel H. Norton, John

0.

Oldhaber, C.
Onion, Edward A. Jr.
Owens, James Jr.
Omerheizer, J. J.
Orrick, John H.
Owens, William R.
Oliver, Jas. W. T.
Orrick, Keener B.
O'Neil, Peter
O'Loughlin, Sam'l W.
Orrick, Edward G.
Ogle, James
Orrick, W. K.
Onion, John H.
O'Connor, John
Oberndorf, Julius

P.

Phelps, John B. T. Price, John H. Patten, Charles Pope, Daniel F. Perine, M. D. Phillips, James T. Perine, John T. Proctor, Samuel Parrott, William J. Phillips, James B. Placide, Paul D. Placide, H. B.
Powell, Thomas M.
Page, Albert C. Petherbridge, Wm. Porter, B. Buck Parrish, Lewis E. Parkinson, J. B. Priester, Valentine Peterkin, Wm. S. Jr. Parsons, E. Poe, Neilson, Jr. Parkhurst, A. R. Placide, Henry F. Purdy, Wm. II. Powell, Thomas, M. Preece, Edward V.

Patterson, John
Perine, T. P.
Phelan, James
Paget, Robert J.
Porter, George J.
Pentz, Augustus P.
Poisal, Thomas B.
Pentz, William H.
Primson, Samuel F.
Plummer, William J.
Patrick, B. Franklin
Palmer, Edward L,
Pitt, William T.
Pamphilion, James S.
Pierson, Henry
Phillips, James H.
Peck, Alfred
Plaskitt, Thomas
Pearce, James H.

Q.

Quinlin, L. G. Jr.

R.

Rich, William Jr. Robb, E. T. Rodgers, Wm. F. Rose, Henry C. Richstein, George E. Rogers, Edward G. Robb, Alexander Rhodes, John M. Rapp, Henry Richardson, Morris Rhodes, John F. Richardson, James A. Royston, E. B. Rinedollar, Wm. Russell, William Rencher, William Rowe, W. B. Rice, John T. Robinson, James Reese, Daniel W. Robinson, John G. Rutter, Thomas C. Royston, John W. Renwick, John A. Ryan, John F. Robinson, Joseph Rose, Charles H. Richardson, McD. Robinson, Edward P. Rodewald, Frederick Rea, H. Page Rowe, Joseph T.

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Thompson, Thomas
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Teale, James R.
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Turner, T. C. S.
Taylor, George W.
Townsend, L. W.
U.

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Wheeler, William T. Washington, John Wallace, R. D. Wallace, Wm. S. Wharton, B. H. Walker, Joseph W. Wylie, Thomas M. Wooddy, William jr. Wailes, John P. Weinhultz, Thomas Williamson, David Walker, N. D. Walker, P. H. Wheeler, Wm. T. Wentz, Charles Weigle, William Hy. Walker, George W. Wonn, Alfred Waltemyer, Charles Ward, William H. Webb, C. H. Wells, William A. Wright, John White, William G. Williams, John Wilkinson, Thomas S. Ward, Joseph Henry Weems, George Wonderly, William Webb, William P. Warfield, Thomas Weye, Samuel Weaden, James Wheedon, Thomas

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Yeatman, William

Z.

Zentmyer, W. C.

Zimmerman, Charles

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N.

J. Crawford Neilson, J. R. Niernsee, Edward Needles, Isaac L. Nicholson, C. J. Nicholson.

Ο.

Charles Ogle, John M. Orem.

P.

Enoch Pratt, Jonathan Parker, Jr. William B. Perine, George C. Penniman, Charles H. Pitts, George Page, George F. Page, R. H. Pennington, Joseph W. Patterson.

 \mathbf{R} .

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S.

Samuel Sands,
Wm. Bell Sands,
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Henry C. Sultzer,
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Lawrence Sangston, John J. Snider.

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Joseph Thomas,
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Dr. J. H. Thomas,
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Wm. S. Thompson,
Thomas Trimble,
Jos. J. Turner,
Francis Turner.

W.

Wm. C. Wait,
Marcus Wolf,
Noah Walker,
Peter Wilcox,
Samuel G. Wyman,
Charles Webb,
David H. White,
T. Yates Walsh,
Alex. P. White.

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John Beaman,
Arnold Schuler,
T. C. Dunham,
N. H. Thayer,
James Slade,
M. Slack,
Wm. G. Sharer,
John P. Wood,
Joshua Dryden,
H. A. Elliott,
John H. Stormberg,
James Lawson,
Walter B. Cummings,
James T. Darling, Jr.
Philip S. Allison,
Edward G. Rennous,
Horace Taylor,

Alex. Cross,
George Taylor,
A. J. Williar,
Henry N. Hurtt,
James M. Dixon,
J. Edward Buck,
J. H. T. Jerome,
John P. Ijams,
Jos. H. Boyd,
Jas. H. Callis,
F. W. Beck,
John Stellman,
Chas. Hahn,
A. W. Duke,
A. J. Naylor,
Geo. E. Fales,
Wm. Tustin,
Andrew G. Boyd,

John Haswell,
J. L. Duncan,
Chas. A. Grinnell,
John S. Fusselbaugh,
John W. Grahame,
Isaiah Kroesen,
Thomas Beck,
Isaiah Kroesen.
J. P. Hooper,
Uriah Jones,
Wm. H. Cowan,
David Creamer,
Geo. W. Taylor,
John D. Knox,
Wm. Griffith,
Oliver F. Lautz.

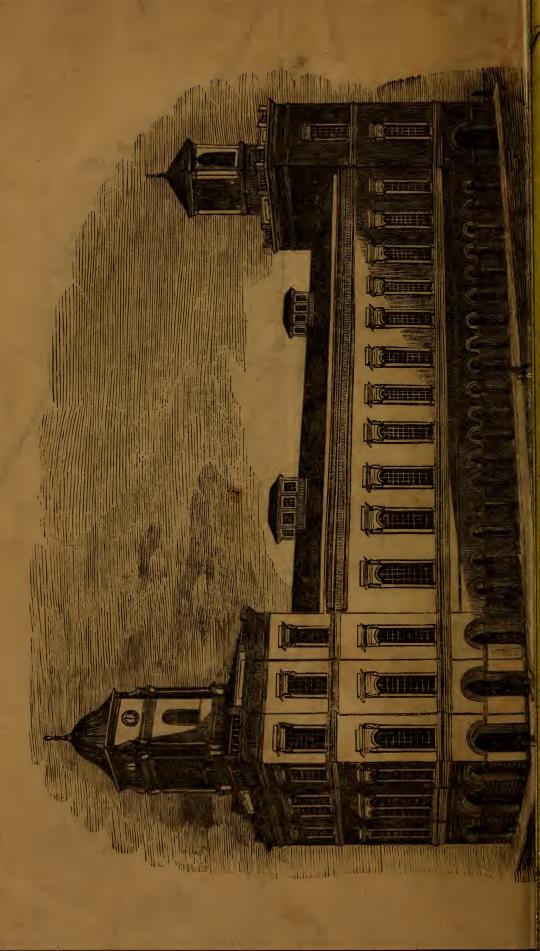
JUNIOR MEMBERS.

Robert Barnes, Jr. Jas. T. Mitchell, T. E. Mitchell, Geo. W. S. Nicholson, Wm. E. Clarke, Andrew McCaddin, N. M. Bosley, J. L. Maguire, Frederick Deets, Wm. T. Byrn, John M. Watts, John R. McGaw, John Hamilton, Wm. Eimer, Samuel Dale, Jr. Geo. Malvin Wm. S. Justis, Chas. P. Hess, A. C. Cole, Albert Smoot, Joseph L. Parks, C. C. Pendergast, Robert J. Guy, John H. Knowles, Edward H. Clarkson, Matthew A. Carrear, Wm. McR. Benthall, Chas. C. Stevenson, Jacob H. Miller, John C. Hay, J. S. O. Flack, Thomas Hedian, James E. Ferral, Clark Y. Davidson, Samuel H. Gill,

James Armstrong, Wm. P. J. Harvey, John P. Connolly, Wm. H. Hoopes, Wm. Colly, Wm. Henry Duvall, Edward C. Forney, Charles Stauf, James C. Slaughter, Samuel S. Park, C. Isaacs, Wm. Young, Frederick Myer, Albert Lee, D. Parkhurst, Franklin Kenley, Daniel Bonn, Samuel Bonn, J. Hammond Stansbury Thos. B. Haughton, R. J. Matthews, Edwin D. Robinson, Sam'l G. Burrough, John Hollins, Wm. M. Shoemaker, Dennis Erwin, John W. Norris, George Sanders, J. O. Richardson, Perry Ould, Thomas Wilkinson, James Afflick, Charles Wetherby, John Thomas Deal, Edwin Mortimer,

N. K. Colburn, Wm. P. Garvey, Wm. H. Clare, Wesley Watkins, John M. Watkins, James M. Brown, Warran G. Hyde, Jacob Mathes, Henry Bonn, T. J. Betts, Lewis De Ronceray, Edwin E. Holloway, A. F. Schwartz, Robert Fletcher Hulls, Charles Burgiss, Henry Z. Welmore, Oliver Gosnell, Peter F. Wells, Chas. G. Lutts, Edward J. Joyes, Henry B. Myers, Andrew J. Kiersted, Francis Price, Robert R. Quail, H. W. Huntermuller, Chas. P. Chapin, Geo. E. Pryor, Henry Rocks, Robert Rasin, Thomas F. Connolly, James Frey, Samuel S. Wylie, Sam'l Sands Sitler.





Prof. Jo Henry

CHARTER,

CONSTITUTION

AND

By-Laws

OF THE

MARYLAND INSTITUTE,

For the Promotion of the Merhanic Arts:

TOGETHER WITH A LIST OF ITS MEMBERS, JUNIOR MEMBERS, LIFE MEMBERS HONORARY MEMBERS, &c.

TO WHICH IS ADDED!

A BRIEF DESCRIPTION OF THE INSTITUTE'S HALL.

FORMED JANUARY 12th, 1848—and Incorporated at December Session of the Maryland Legislature, 1849.

BALTIMORE:
PRINTED BY SANDS & MILLS,

No. 122 Baltimore Street

1854.



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No. 122 Baltimore Street

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OHABIEK,

PROPERTY OF PERSONS

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MEMORANDA

FOR THE

MEMBERS AND JUNIOR MEMBERS.

The REGULAR MEETINGS are held as follows:

Of the Institute—Monthly—2d Wednesday evening.

Of the Board of Managers—Monthly—1st Monday evening preceding the Institute's meeting.

HOURS OF MEETING.

The Institute.—At 7 o'clock, P. M. in November, December, January, and February; at $7\frac{1}{2}$ o'clock in March, April, September and October; and at 8 o'clock in May, June, July and August.

Board of Managers.—At the same hours as the Institute.

SCHOOL OF DESIGN.

The School will be in session three evenings—(Monday, Wednesday and Friday, as a general rule)—in the week, at 7 o'clock, to February 1st, and at $7\frac{1}{2}$ o'clock for the balance of the season. The whole term lasts four months, from November to March.

LECTURES.

The Lectures before the Institute begin during the month of November, and take place (as a general rule) once a week, on Tuesday evenings, until the close of the season, which is in the month of March. Each Lecture will be duly advertised in the daily papers as it is about to be held. They are held in the main saloon.

LIBRARY AND READING ROOMS.

Front Room on first floor of the Hall—Open every day from 4 to 6 and from 7 to 9 P. M.—except Saturdays, when it will close at 8 o'clock P. M.

TERMS OF MEMBERSHIP OF THE INSTITUTE.

THREE DOLLARS PER ANNUM, and two dollars on joining, making five dollars for the *first* year, payable in advance, on the 1st day of September.

Twenty-five dollars will constitute any person a Member for Life; entitled to all the privileges of annual members.

No Member or Junior Member shall be entitled to admission to the Exhibition, Lectures, School of Design, Library, &c., until his annual contribution for the current year shall be paid.

The use of Tickets of Membership is in no case to be transferred.

Junior Members, (youths between 12 and 21 years,) are charged but half the sum levied upon Members, or two dollars and fifty cents for the first year, and one dollar and fifty cents yearly thereafter. They are entitled to all the privileges of the members except that of voting at the business meetings.

THE INSTITUTE'S CHARTER.

AN ACT INCORPORATING the Maryland Institute for the Promotion of the Mechanic Arts.

Section 1. Be it enacted by the General Assembly of Maryland, That the members of the Maryland Institute for the Promotion of the Mechanic Arts, and all those who shall hereafter become members, shall be, and are hereby incorporated and created a body politic, by the name, style and title of the "Maryland Institute for the Promotion of the Mechanic Arts;" and by that name shall have succession, and be able and capable in law to sue and be sued, to plead and be impleaded, in any court of record or elsewhere; to make, have and use a common seal; and the same at pleasure to alter or renew; to receive donations, gifts, grants, devices and bequests, or other conveyances of money, goods, chattles, effects, lands, tenements and estates, real and personal, and the same to hold, use, sell or otherwise dispose of, and convey, and generally to do all such acts, matters and things, as are or shall be necessary to carry into full effect the objects of the said corporation; provided always, that the property owned by said corporation shall not exceed in value one hundred and twenty thousand dollars.

Section 2. And be it enacted, That the members of the said corporation shall consist of Manufacturers, Artizans, and all persons friendly to the Mechanic Arts, who shall hereafter be elected in such manner, and pay such sum annually, or in gross, or an annual or life subscription, as the Constitution or By-Laws of the said corporation shall appoint or require: provided always, that two-thirds of the Board of Directors of said corporation shall be practical manufacturers or mechanics.

Section 3. And be it enacted, That the objects of the said corporation shall be the encouragement and promotion of manufactures and the mechanic and useful arts, by the establishment of popular lectures upon the sciences connected with them; by the formation of a School of Design adapted to mechanical and manufacturing purposes; for providing a Library, Reading Room and a Cabinet of Minerals, Models, and Me-

chanical Apparatus; for holding Annual Exhibitions or Fairs for articles of American Manufacture, and for offering Premiums, or awards for excellence in those branches of national industry, deemed worthy of encouragement; by examining new inventions submitted for that purpose, and by such other means necessary for the accomplishment of their objects as experience may suggest.

SECTION 4. And be it enacted, That the affairs of the said corporation shall be conducted and managed by a President, a board of Directors, and by such other officers, and in such manner, as the Constitution or By-Laws of the same shall authorise and provide; that such officers and directors shall be elected annually at a meeting of the said corporation to be held in the city of Baltimore on the second Wednesday in January; and that until the second Wednesday in January, in the year one thousand eight hundred and fifty one, the present Officers and Directors of the Society, to wit: Joshua Vansant, President; James Murray and Edward Needles, Vice Presidents; Samuel Sands, Recording Secretary; William Prescott Smith, Corresponding Secretary; Thomas J. Clare, Treasurer; and Josiah Reynolds, C. W. Bentley, John Feast, Jessee Marden, W. Abrahams, Thomas Trimble, William Rodgers, E. Whitman, Jr., D. M. Adams, Wm. Bayley, C. Conway, Robert Errickson, Samuel McPherson, William Fergusson, Isaac Brown, H. R. Hazlehurst, John F. Davis, James Young, William Peters, John T. Fardy, Samuel E. Rice, William Robinson, Ephriam Larabee and B. S. Benson, Directors, shall conduct the affairs of the said corporation conformably to the Constitution and articles promised and agreed to by the members previous to the passage of this Act.

Section 5. And be it enacted, That the duties and rights of the members of the said corporation, the power and functions of the officers thereof, mode of supplying vacancies in office, the time of meeting of said Corporation and of the Board of Managers, the number which shall constitute a quorum at any such meeting, the mode of electing members, the terms of their admission, the terms which shall justify their suspension or expulsion from the corporation shall be regulated by the Constitution and By-Laws of said corporation now existing, or hereafter to be made, which the said corporation is hereby authorised and empowered to make and alter in the manner which may be therein mentioned; provided, that the said Constitution and By-Laws shall not be repugnant to or inconsistant with the Constitution or Laws of the United States or the State of Maryland.

SECTION 6. And be it enacted, That the said corporation shall not issue any note, scrip or bill of credit to circulate as a currency.

Section 7. And be it enacted, That said act of incorporation shall inure for thirty years, and that the Legislature of Maryland reserves to itself the right to amend or repeal the same at pleasure.

We hereby certify that the aforegoing is a true copy of the Original Bill which passed both branches of the General Assembly of Maryland at December Session, eighteen hundred and forty-nine.

Given under our hands at the City of Annapolis, this fifteenth day of February, 1850.

GEORGE G. BREWER, Clerk House Delegates, Md. JOS. H. NICHOLSON, Clerk Senate, Md.

AMENDMENT TO CHARTER.

ADOPTED JANUARY, 1852.

An Act to alter and amend an Act incorporating the Maryland Institute for the Promotion of Mechanic Arts, passed December session, eighteen hundred and forty-nine, chapter one hundred and fourteen, so as to allow said Institute to establish a Department of Analytic Chemistry, and confer Diplomas upon Graduates thereof.

Section 1. Be it enacted by the General Assembly of Maryland, That the Maryland Institute for the Promotion of the Mechanic Arts, for the purpose of extending its means of education, is hereby authorised to establish a Department of Analytic and Applied Chemistry, and to appoint a Professor, and as many adjuncts for said Department, as the requirements of the same may, from time to time, demand.

SECTION 2. And be it enacted, That the Maryland Institute shall have power to graduate students in Chemistry, and to grant diplomas to such, as after examination and recommendation by the professor, are worthy of the distinction.

THE RESERVE THE PERSON NAMED IN COLUMN 2 I • RESOLUTION OF THE GENERAL ASSEMBLY OF MARYLAND, granting an Annuity of \$500 to the Institute,—adopted February 8th, 1850.

By the House of Delegates, {
February 8th, 1851.

Whereas, the Legislature of the State of Maryland has evinced a disposition to encourage Agricultural labor, and has, by the appointment of a State Chemist, awarded to that branch of industry, the advantage of its aid in discoveries promotive to its profitable pursuit;—and whereas, the improvement and extension of the Mechanic Arts equally deserve the countenance and patronage of the State, and are alike conducive to individual happiness and State prosperity;—and whereas, acting under the influence of an enlightened spirit, the Legislature of Maryland at its December Session, 1829, by resolution No. 45, did contribute through its Treasury to the promotion of Mechanic Arts, which contribution was continued until by disasters the Maryland Institute, the then object of her bounty, ceased to exist:—and whereas, the Institute has been revived and is now in advance progress, and it is proper that its utility should be enlarged,—

Resolved by the General Assembly of Maryland, That the Treasurer of the State of Maryland be and is hereby directed, to pay annually to the President of the Maryland Institute for the Promotion of the Mechanic Arts, within one month after said Institute shall have held its annual exhibition, the sum of Five Hundred Dollars; provided, it shall be shown to the Treasurer that the said Institute is in efficient operation at the time of such payment.

By Order,

G. G. BREWER, Clerk.

State of Maryland, to wit:

Be it remembered, and we hereby certify, that the aforegoing is a true copy of the resolution in favor of the Maryland Institute for the Promotion of the Mechanic Arts, which passed both branches of the General Assembly of Maryland, at December Session, 1849.

Given under our hands at the City of Annapolis, this 23d day of April, 1850.

GEORGE G. BREWER, Clerk House Delegates, Md. JOS. H. NICHOLSON, Clerk Senate, Md.

Officers for 1853-'54.

PRESIDENT.

JOSHUA VANSANT.

VICE-PRESIDENTS.

ADAM DENMEAD,

GEORGE R. DODGE.

RECORDING SECRETARY.
SAMUEL SANDS.

CORRESPONDING SECRETARY. WM. H. YOUNG.

THOMAS I. CLARE.

TREASURER OF THE HALL FUND.

JAMES W. ALLNUT.

MANAGERS.

WM. PRESCOTT SMITH,
N. H. THAYER,
JOHN DUKEHART,
W. S. THOMPSON,
THOMAS STOW,
THOMAS TRIMBLE,
CAMPBELL MORFIT,
WM. BAYLEY,
T. J. LOVEGROVE,
W. A. BOYD,
WENDEL BOLLMAN,
C. W. BENTLEY.

JOHN F. MEREDITH,
B. S. BENSON,
THOMAS CARROLL,
ANDREW FLANNIGAIN,
EMERSON AMES,
JAMES McNABB,
WOOD. ABRAHAMS,
JOSIAH REYNOLDS,
CHAS. E. WETHERED,
EVANS ROGERS,
JAMES S. SUTER,
WM. W. MAUGHLIN.

Note.—The seven chief officers are also Managers ex-officio, and with the twenty-four others, constitute a Board of thirty-one Managers.

ACTUARY-JOHN S. SELBY.

Professor of Drawing in School of Design—WM. MINIFIE.

Professor of Chemical Department—Dr. A. SNOWDEN PIGGOT.

Standing Committees for 1853-'54.

On The Exhibition.

THOMAS TRIMBLE, Chairman.

ADAM DENMEAD, EMERSON AMES, THOMAS STOW, C. W. BENTLEY.

JOHN F. MEREDITH, GEORGE R. DODGE, THOS. J. LOVEGROVE, THOMAS I. CLARE.

On School of Design.

W. ABRAHAMS, W. BOLLMAN, WM. W. MAUGHLIN.

C. W. BENTLEY, Chairman.
MS, JAMES McNABB,
N, THOMAS STOW,
UGHLIN. JAMES S. SUTER.

On Lectures.

CAMPBELL MORFIT, Chairman. YER, EVANS ROGERS,

N. H. THAYER, WM. H. YOUNG,

W. PRESCOTT SMITH.

On Library.

WM. H. YOUNG, Chairman. RROLL, WM. A. BOYD,

THOMAS CARROLL, JOHN DUKEHART.

B. S. BENSON.

On the Hall.

WM. BAYLEY, Chairman.

W. S. THOMPSON, JOSIAH REYNOLDS,

GEORGE R. DODGE, SAMUEL SANDS.

On Chemical Department.

A. FLANNIGAIN, CHAS. E. WETHERED,

WILLIAM S. THOMPSON, Chairman.
NIGAIN, N. H. THAYER,
L. WETHERED, THOS. J. LOVEGROVE.

On Finance.

JAS. W. ALLNUT, A. DENMEAD,

JOSHUA VANSANT, Chairman. LNUT, CHAS. E. WETHERED, A. FLANNIGAIN.

On New Inventions, &c.

JAMES MURRAY, Chairman.

EMERSON AMES, JAMES McNABB, JOHN JONES, G. H. HUNT,

JOHN RODGERS, F. W. KING, JOHN RYAN, HENRY POLLOCK, Sec'y.

COMMITTEE ON AWARDS.

ANDREW FLANNIGAIN, Chairman.
WM. H. YOUNG, JAMES MURRAY,
N. H. THAYER, HENRY SNYDER,
JOHN DUKEHART, EMERSON AMES,
WENDEL BOLLMAN, WOODWARD ABRAHAMS,
THOMAS CARROLL, WM. PRESCOTT SMITH.

PREAMBLE TO THE CONSTITUTION.

Whereas, the Mechanics, Manufacturers, Artizans and other citizens of Maryland, impressed with the importance of fostering the inventive genius of their countrymen, of exalting the character of the members of their respective professions, and of increasing the trade and business of the commercial mart of the State, and having associated themselves together, and obtained a charter from the Legislature of Maryland, under the name and title of the "Maryland Institute for the Promotion of the Mechanic Arts;"—to accomplish the objects in view, have made provision:

1st. For holding an Annual Exhibition, where American Mechanics, Manufacturers, Inventors and Artists, and all who may have made any discoveries in the Arts and Sciences, may be enabled to exhibit the productions of their skill and ingenuity, in competition for the medals, diplomas, and other prizes which may be offered by the Institute for superiority.

- 2d. For examining and reporting upon the merits of new inventions and improvements whenever desired.
- 3d. For the formation of a School of Design, adapted to Mechanical, Manufacturing and Scientific purposes, in which the members of the Institute may be taught the art of Drawing and Designing, a branch of education so necessary in every business and profession connected with the Mechanic Arts.
- 4th. For the establishment of Popular Lectures, on subjects mainly connected with Manufactures, Mechanics, and the useful Arts.
- 5th. For the formation of a Library and Reading Room, a Cabinet of Minerals, Models, and Philosophical and Mechanical apparatus.

6th. For establishing a School of Applied Chemistry, to be called the "Chemical Department of the Maryland Institute," where the science may be thoroughly taught in all its branches, under a Professor and Assistants.

In order to make the necessary provision, for effecting these desirable purposes, in obedience to the requisitions of the Charter, they have established the following Constitution and By-Laws for their government.

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CONSTITUTION.

ARTICLE I.-NAME AND OBJECT.

- SEC. 1 This Association shall be known and designated as the "Maryland Institute for the Promotion of the Mechanic Arts."
- SEC. 2 The object of the Institute shall be the promotion and encouragement of Manufactures, the Mechanic and Useful Arts—and the mental improvement of the industrial classes.

ARTICLE II.—MEMBERSHIP.

- SEC. 1. Any person may become a member of the Institute in the manner hereinafter provided for in the By-Laws.
- SEC. 2. The members shall be divided into four classes, viz:—Members, Junior Members, Life Members, and Honorary or Corresponding Members.
- SEC. 3. Members shall be over twenty-one years of age, and friendly to the objects of the Institute.

Junior Members shall be minors, not younger than twelve years of age.

LIFE MEMBERS shall be such persons as pay twenty-five dollars to the Institute for Life Membership.

Honorary or Corresponding Members shall be persons of distinguished reputation, in connection with the objects of the Institute, or such as may have rendered it important service. They shall be elected by the Board of Managers, at their stated meetings, who shall report such election to the next stated meeting of the Institute. Two-thirds of those present shall be required to elect an Honorary Member.

ARTICLE III.—OFFICERS.

SEC. 1. The Officers of the Institute shall be as follows: a President, two Vice Presidents, a Recording Secretary, a Corresponding Secretary, a Treasurer of the Institute, a Treasurer of the Hall Fund, and Twenty-Four Managers, the whole comprising a Board of Managers, thirty-one in number—at least two-thirds of whom shall be practical Manufacturers or Mechanics, residents of the City of Baltimore.

Sec. 2 .- Treasurer's Bond.

The Treasurers' shall each give bond for the faithful discharge of their respective duties, in the sum of \$2000, with one or more securities, to be approved by the Board of Managers, said bonds to be renewed annually in cases of re-election, and in all cases to be given or renewed within 10 days of the election of either or both of the officers.

ARTICLE IV.—MEETINGS.

- SEC. 1. Monthly meetings of the Institute shall be held on the Second Wednesday of each month.
- SEC. 2. Special meetings shall be called by the President, on application of the Board of Managers, or at the written request of twelve members.
- SEC. 3. At the stated monthly meeting in April the Annual Reports of the Treasurers, Board of Managers, &c. shall be read.
- SEC. 4. The Annual Meeting of the Institute, for the election of officers, shall be held on the third Wednesday in April, when no other business shall be in order.
- SEC. 5. In default of an election at the annual meeting, the existing officers shall continue in office until others are properly elected.

 ARTICLE V.—QUORUM.

SEC. 1.—Of the Institute. Any fifteen members present at the time and place appointed for holding the annual, special, stated and adjourned meetings, shall constitute a quorum

for the transaction of the ordinary business of the Institute, but thirty members shall be required to be present at all meetings for the election of any officer or officers.

- SEC. 2. All business shall be considered ordinary, except a proposition to dissolve the Institute, which shall be considered extraordinary, and shall require a majority of all the members to constitute a quorum for its consideration.
- SEC. 3. Notice of extraordinary business shall be given at least three months previous to that in which it is to be discussed.
- SEC. 4.—Of the Board. At all stated or first adjourned stated meetings of the Board of Managers, nine members shall constitute a quorum for the transaction of business.

ARTICLE VI.—MEMBERS' FEES.

- SEC. 1. Members, on their election, shall pay to the Actuary an initiation fee of Two Dollars, and an annual subscription of Three Dollars, payable in advance on or before the first day of September in each and every year.
- SEC. 2. Junior members, on their election, shall pay to the Treasurer an initiation fee of one dollar, and an annual subscription of one and a half dollars. They shall be entitled to such privileges, except that of voting—and subject to such regulations as the Institute or Board of Managers may determine.
- SEC. 1. No member shall be entitled to vote if in arrears with his subscription; and in no case shall members be entitled to the benefits of the Institute unless they have complied with the requirements of the Constitution and By-Laws.
- SEC. 2. All nominations of elective officers for the annual election must be made at the stated meeting in March, or at least one month previous to the time of election; nevertheless, nominations may be made on the night of the second Wednesday in April, provided a majority of the members present concur in a motion to that effect,—but no nomination shall be made upon the night of the annual election, except

by unanimous consent;—and no election shall be valid, without the party shall have been duly nominated as herein provided. An election to fill vacancies caused by death, resignation or otherwise, may be had at any stated meeting of the Institute.

- SEC. 3. All officers of the Institute shall be elected by ballot; and in case of plurality of candidates, the lowest shall be withdrawn after each ballot succeeding the third.
- SEC. 4. The presiding officer shall have no vote while in the chair, except in case of a tie, of an election by ballot, or when the yeas and nays are called.
- SEC. 5. In all elections for officers of the Institute, a majority of the whole number of votes cast shall be necessary for a choice; provided there be at least thirty votes cast in each ballot at an annual or other election of officers.

ARTICLE VIII.-MANAGEMENT.

The Board of Managers shall have the management of the funds of the Institute, and all matters of finance connected therewith, and shall employ its revenues on the following objects, viz:

First. In providing an Annual Exhibition of the productions of American skill and industry, to be held in the city of Baltimore.

Second. In affording at all times every reasonable facility for the trial and examination of such new inventions and improvements as may be submitted to the Board for that purpose.

Third. In conducting a School of Design, adapted to mechanical, manufacturing, artistic and scientific purposes.

Fourth. In the establishment of popular Lectures on subjects connected as far as practicable, with manufactures, mechanics, and their collateral sciences.

Fifth. In the formation of a Library and Reading Room, a Cabinet of Minerals and Models, and Philosophical and Mechanical Apparatus.

Sixth. In fostering the Chemical Department of the Institute.

ARTICLE IX.—COMMITTEE ON INVENTIONS, IMPROVEMENTS AND DISCOVERIES.

SEC. 1. At the first Stated Meeting of the Institute in each and every year after the Annual Election, a Standing Committee on Inventions, Improvements and Discoveries, to consist of nine members, shall be elected by ballot, who shall serve until their successors are elected, and who shall perform the following duties:

SEC. 2 .- Their Duties.

It shall be the duty of this Committee to take charge of all special applications to the Institute and Board of Managers for the trial, examination, or investigation of any new invention, improvement, or any scientific or mechanical discovery. They shall proceed at once after such application has been referred to them to make a full investigation of the subject, or appoint other and suitable skilful persons from the Institute to make such investigation or examination, as may be necessary in order to arrive at a full and explicit conclusion as to the merits of the case, which examination shall be made under their supervision, and the results of which in every instance shall be made known to the Board in a written and detailed report signed by themselves and the parties called in by them, which reports must set forth briefly the reasons that influenced their determination, and recommend such action in the premises by the Board in the form of resolutions, as they may deem proper.

No inventor or other person interested in the issue of an investigation shall be present while it is under the committee's consideration, except at their special invitation, and in cases where there may be rivalry, all parties interested shall have the same privileges.

ARTICLE X.—INCOMPETENCY OR UNFAITHFULNESS.

SEC. 1. Officers found incompetent for, or unfaithful in the discharge of their duties, shall be removed by a vote of a majority of its members present at any regular or stated meeting.

SEC. 2. The Board of Managers may, and they are hereby authorised to declare the seat of any of their number vacant after an absence from the Board of three consecutive stated meetings, and report the same to the Institute, except in cases where leave of absence shall have been granted by the Board in advance. The Institute shall fill the vacancy in the manner hereinbefore provided.

ARTICLE XI.—BY-LAWS AND RULES OF ORDER.

By-Laws and Rules of Order for the government of the Institute, may be made or amended at any stated or special meeting, provided two-thirds of those present concur therein.

ARTICLE XII.—ALTERATION OF THE CONSTITUTION.

To alter or amend this Constitution, notice of the proposed amendment shall be given at any stated meeting of the Institute, but it shall not be acted upon until the next or a subsequent meeting.

BY-LAWS.

ARTICLE I.—MEETINGS.

The meetings of the Institute shall be opened in November, December, January and February, at 7 o'clock; in March, April, September and October, at $7\frac{1}{2}$ o'clock; and in May, June, July and August, at 8 o'clock.

ARTICLE II.—MEMBERS.

- SEC. 1. Persons who have been elected by the Institute shall sign their names to the Constitution, and pay the initiation fee, and one year's dues, before they shall be considered full members.
- SEC. 2. The annual contribution of members shall become due and payable in advance on the first day of September, in each and every year.
- SEC. 3. Any member whose subscription shall remain unpaid six months after the same shall have been due, shall forfeit his membership. Nor shall a member be entitled to any of the privileges or rights of membership, while in arrears to the Institute.
- SEC. 4. Members on paying their yearly dues, shall receive a certificate of membership for the fiscal year, signed by the President and Secretary.

ARTICLE III.—DUTIES OF THE OFFICERS.

SEC. 1 .- Duty of the President.

SEC. 4. It shall be the duty of the President to preside at all meetings of the Institute, and also of the Board of Managers, enforce a due observance of the Constitution and By-Laws, see that all officers and committees perform their respective duties, appoint all committees and officers not otherwise provided for, inspect and announce the results of all bal-

lotings or other votes, and direct the Secretary to call special meetings when application is made in accordance with the Constitution. He shall sign all orders on the Treasurer passed by the Board, and none others, and perform all other duties devolving upon the President.

In the absence of the President, one of the Vice Presidents in order shall preside, and in the absence of all these, a President pro tem shall be chosen, who shall be invested with all the powers of the President.

SEC. 2 .- Duty of the Recording Secretary.

The Recording Secretary shall keep a fair and impartial record of the proceedings of the meetings of the Institute, and of the Board of Managers; and shall give public notice of the stated and special meetings of the Institute and Board. All books under his charge shall be subject to the examination of the members of the Institute. He shall attest to all monies ordered to be paid by the Board of Managers, and none other. He shall on all occasions, notify all committees of their appointment, and furnish the chairman of each committee with so much of the proceedings as relates to the object for which it was appointed, and perform all other duties that may be required of him by the Institute or the Board of Managers.

SEC. 3.—Duty of the Corresponding Secretary.

The Corresponding Secretary shall answer all letters addressed to the Institute; shall open and maintain such correspondence as may tend to advance its interests, under the direction of the Board of Managers, and keep a record thereof, which record shall be open for the examination of the members of the Board. He shall acknowledge the reception of all donations to the library, cabinet, &c., and shall notify honorary or corresponding members of their election.

Sec. 4-Duty of the Treasurer of the Institute.

'The Treasurer shall receive all monies of the Institute and safely keep the same in such place and manner as the Board

of Mangers may direct; and shall make no payments without written vouchers from said Board, attested by the signatures of the President and Secretary; he shall keep full and accurate accounts of his receipts and disbursements, and shall exhibit a true statement thereof in writing to the Board of Managers, and the Institute, at all their stated meetings, and at such other times as they may require. He shall deposit, in such Bank as the Board of Managers may direct, all monies received by him over and above \$50, and shall, at every regular meeting, lay before the Board of Managers his Bank book, and book of receipts and expenditures. He shall draw no money from Bank except by check, signed by himself, and countersigned by the President or Recording Secretary.

Sec. 5-Duty of the Treasurer of the Hall Fund.

The duty of the Treasurer of the Hall Fund shall be to receive and disburse all monies connected with that department, and to report at every monthly meeting of the Institute and the Board of Managers, in writing and in detail, the receipts and disbursements for the month, and the condition of said fund, and at each and every annual meeting of the Institute, and the annual meeting of the Board immediately preceding the annual meeting of the Institute, shall present a full yearly report.

ARTICEE IV.—DUTY OF THE BOARD OF MANAGERS.

SEC. 1. The President, two Vice Presidents, Recording Secretary, Corresponding Secretary, Treasurer of the Institute and Treasurer of the Hall Fund, shall be ex-officio members of the Board of Managers.

SEC. 2.—Election of Committees and Actuary.

It shall be the duty of the Board as soon after their election as possible, to elect by ballot from their own body the following standing committees, viz: Committee on Exhibition, to consist of nine; Committee on School of Design, to consist of seven; Committee on Lectures, to consist of five; Committee on Library, to consist of five; committee on the

Hall, to consist of five; Committee on the Chemical department, to consist of five; and an Actuary, either from the Board or Institute at large.

Sec. 3 .- Committee on Awards.

The Board shall also at a meeting immediately preceding the Annual Exhibition, elect a Committee on Awards, eleven in number, whose duty it shall be to receive and collate the Judges' Reports, and arrange the Premiums to be bestowed.

Sec. 4-General powers.

- 1. The Board of Managers shall have charge of all matters of finance, and the various concerns of the Institute, provided for in the Constitution, reporting the same at the next stated meeting of the Institute.
- 2. The Board shall keep regular minutes of their proceedings, in a book prepared for that purpose.
- 3. The Board shall hold regular stated meetings of their own body once in each month. They shall enact such rules and regulations, for their own government, as they may deem requisite.
- 4. Nine of their number shall constitute a quorum at any stated meeting, but at any special meeting, thirteen members shall be necessary.
- 5. They shall require all the Standing Committees to report to them monthly, and in writing, during the entire period of the progress and execution of their arrangements, and to submit a full and general report at the close of their duties;—and also be prepared at all times to furnish them with every detail connected with the respective branch of operations they may have in charge.

ARTICLE V.—DUTIES OF THE STANDING COMMITTEES.

Sec. 1 .- Duty of the Committee on Exhibition.

It shall be the duty of this Committee to make all the necessary arrangements for holding the Annual Exhibition of American Manufactures, at such time as the Board may

designate. They shall have power to make all necessary contracts and disbursements, to carry out fully the object of the Institute in holding the Exhibition. They shall have prepared such gold, silver and bronze medals, diplomas, or other awards, as the Board may direct, as premiums for the first, second and third class American productions, of superior merit, to be determined by competent and impartial judges, and awarded by the Committee on Awards. They shall classify the articles exhibited, and shall nominate, subject to the approval of the Board of Managers, judges on the several classes, and as soon after the opening of the Exhibition as possible, afford them the best opportunity for their examinations. They shall make explicit reports in writing of their proceedings at each stated meeting of the Board until the close of their duties.

Sec. 2.—Duty of Committee on School of Design.

It shall be the duty of the Committee on School of Design to make the necessary arrangements for opening the same, not later than the third week in November, and continue it open four months. They shall employ competent teachers to take charge of the School; establish rules and regulations for its government, and have the entire control thereof. They shall be personally present as much as possible during the session, see that the rules and regulations are observed and enforced, and afford such aid to the officers of the school as may be required. They shall make written reports to the Board at each stated meeting held during the time they are arranging for and conducting the School, and also a full report at the close of the session, detailing the results of their operations, for the year, and showing the progress made in that Department.

· Sec. 3.—Duty of the Committee on Lectures.

It shall the duty of the Committee on Lectures to make arrangements for, and to conduct a course or courses of Lectures, to commence in November, to be delivered at such reports in writing upon their preparations and arrangements.

Sec. 4.—Duty of the Committee on the Library.

It shall be the duty of the Committee on the Library to purchase all suitable books, maps, &c. to the extent of the funds appropriated. They shall see that the Librarian performs the duties required of him. They shall make such rules and regulations, for the government of those who visit the Library rooms, as they may deem expedient and proper. They shall see, from time to time, what books are out of order, or require re-binding, and have the same put in order. They shall make monthly written reports to the Board, of their operations, and upon the condition of the Library.

Sec. 5 .- Duty of the Committee on the Hall.

The duty of the Committee on the Hall shall be, to take charge of the Institute's Building, to adopt the necessary means for keeping it in repair, and rent it from time to time, as demand may be made for it. They shall report to each meeting of the Board all the rentals of the Hall, and present monthly a written statement of the same, with their receipts and expenditures.

Sec. 6 .- Duty of the Committee on the Chemical Department.

The Committee on the Chemical School shall extend a general supervision over its affairs, and confer at all times with the professor in the management of the Laboratory, reporting to the Board monthly the operations and condition of their Department

Sec. 7-Duty of the Actuary.

It shall be the duty of the Actuary to attend at and take charge of the Hall of the Institute, see that it is kept in proper and comfortable order, and opened and closed at such hours as the Board of Managers or Committee on the Hall may direct. He shall have charge of the Library, the Cabinet of Minerals, Models, philosophical and mechanical Apparatus, &c. and be responsible for the safe keeping of the

same. He shall also have charge of the books of the Institute and Hall, and under the direction of the Board or the Finance Committee, keep them in such manner as will at all times show the exact state of Institute and Hall Funds, and make monthly reports of the same to the Board of Managers. He shall keep a correct record of all the members, alphabetically arranged; receive and credit each with the amount of dues annually paid; issue the annual tickets, and notify all new members of their election. He shall pay over to the Treasurers from time to time, as the Board of Managers may direct, all moneys by him received, and make monthly reports to the Board of the same. It shall be his duty at all times when called upon by any of the special or standing committees, to confer with them, and render them as far as lays in his power, all information and assistance in the arrangement or settlement of the affairs of the Hall or Institute, and at all times, as circumstances may arise, in view of which he has not authority to act, shall apply to the next meeting of the Board for instruction.

He shall give Bond in the sum of Five Thousand Dollars for the faithful performance of his duties, with two or more sureties, to be approved by the Board. He shall perform all other duties required of him by the Standing Committee or the Board of Managers.

RULES OF ORDER.

RULE I.

The following shall be the order of business at each meeting of the Institute:

- 1. The President shall take the chair at the appointed hour and call the meeting to order.
- 2. The minutes of the proceedings of the last preceding meeting read and considered, except at special meetings, when the business for which the Institute was convened shall be first in order.

(Same as to minutes of special meetings.)

- 3. Proposal of candidates for membership, and election of the same.
 - 4. Reading of correspondence.
 - 5. Announcement of donations.
- 6. Report of Board of Managers, Treasurers, &c. read and considered.
 - 7. Reports of special committees read and considered.
 - 8. Disposition of deferred or unfinished business.
 - 9. Resignations considered.
 - 10. New business.

RULE II.

Should the foregoing order of business not be completed at any one meeting of the Institute, the order shall be resumed at the next meeting, where it stopped at the previous meeting, except that the first five branches of the foregoing order shall be called at each meeting.

RULE III.

The President, while presiding, shall state every question coming before the Institute, before suffering debate thereon, and, immediately before putting it to vote, shall ask, "Is the Institute ready for the question?"

RULE IV.

When the decision of the President on points of order is appealed from, he shall state his decision, and the reasons therefor, from the chair. The party appealing shall then briefly state the reason for his appeal. The question, when taken, shall be put thus, "Shall the decision of the chair stand as the judgment of the Institute?"

RULE V.

Every member, while speaking, shall confine himself to the question under debate; and avoid all personality and indecorous language.

RULE VI.

Should two or more members rise to speak at the same time, the chair shall decide who shall have the floor.

RULE VII.

No member shall disturb another in his speech, except to call him to order.

RULE VIII.

If a member, while speaking, shall be called to order, at the request of the chair he shall cease speaking, and take his seat until the question of order is determined, when he may again proceed, in order.

RULE IX.

No member shall speak more than once on the same question until all the members wishing to speak shall have an opportunity so to do, nor more than twice, without permission of the Institute.

RULE X.

All resolutions shall be reduced to writing, if required, before the President shall state the same to the Institute.

RULE XI.

When a blank is to be filled, the question shall be taken first upon the highest sum or number, and the longest time proposed.

RULE XII.

Any member may call for a division of a question when the sense will admit of it.

RULE XIII.

When a question is before the Institute, no motion shall be received, unless to adjourn, to take the previous question, to lay on the table, to postpone indefinitely, to postpone to a definite time, to refer, or to amend; and they shall have precedence in the order herein arranged, the first four of which shall be decided without debate.

RULE XIV.

If a motion to adjourn be adopted, and the Institute has not previously resolved on the adjournment, to meet at a particular period, the effect of the motion shall be to adjourn to the next regular meeting.

RULE XV.

The motion to take the previous question, may be made by any two numbers, and shall be put in this form, "shall the main question be now taken?" and if adopted, the effect shall be to bring the meeting to a vote upon the question pending at the time the previous question was called for. If such question was an amendment to an original proposition, the vote shall be taken upon the amendment first, and next upon the original proposition as amended, or not, as the case may be, and if the question pending is an amendment to an amend-

ment, the question shall be first taken on the last amendment, and so down to the original proposition.

RULE XVI.

The effect of the motion to lay upon the table, if adopted, shall be to prevent the question being taken up again on the same evening without a two-third vote.

RULE XVII.

No resolution which has been rejected, shall be renewed at the same meeting, unless reconsidered as provided for in the 18th rule.

RULE XVIII.

Any question which has been indefinitely postponed, shall not be renewed at any time before the next monthly meeting, and then only upon the condition as explained in the next rule.

RULE XIX.

All votes, other than on amendments to the By-Laws or Rules of Order, or indefinite postponement, may be reconsidered at the same or next regular meeting, upon a motion made and seconded by two members who voted in the majority, provided the Institute agree; but after a motion to reconsider has once been lost, it shall not be renewed.

RULE XX.

Every member present shall vote on all questions before the Institute, unless incapacitated under the provisions of the Constitution and By-Laws.

RULE XXI.

A motion to excuse a member from voting shall be put without debate.

RULE XXII.

When a motion has been declared carried or lost by the usual manner of voting, any member, before the Institute proceeds to other business, may call for a count.

RULE XXIII.

All reports of committees shall be in writing, and when read to the Institute, shall be considered as accepted, without a vote, unless objection be made thereto.

RULES OF ORDER

FOR THE GOVERNMENT

THE BOARD OF MANAGERS.

- 1st. The times of Meeting of the Institute, shall govern the meetings of the Board.
- 2d. The President of the Institute shall be Chairman of the Board, and in his absence a chairman pro tem. shall be chosen.
- 3d. Nine members shall constitute a quorum at all stated and first adjourned stated meetings—but at other meetings thirteen shall be necessary.
- 4th. At the appointed hour of stated meetings, the chairman shall call the Board to order, when the roll shall be called, and all absentees fined $12\frac{1}{2}$ cents.
- 5th. Members who shall appear within ten minutes after roll call, shall be exempted from fine—all others appearing after that time shall be fined $6\frac{1}{4}$ cents.
- 6th. The first business after roll call shall be the reading and approval of the proceedings of the previous meeting—then Unfinished Business—Correspondence—Donations—Reports of Standing Committees—Reports of Special Committees—and New Business.
- 7th. No member shall speak more than twice on any subject, nor longer than 5 minutes at any one time, without special permission of the Board.
- 8th. When a member is addressing the chair on any subject, the members shall observe silence.

9th. When a subject is under consideration no motion shall me made, but to adjourn, lie on the table, postpone, to amend, or the previous question.

10th. A motion for the previous question, to adjourn, or to lie upon the table shall always be taken without discussion.

11th. In voting on any question, the chairman shall always give the casting vote, if there is a tie.

12th. The funds collected for fines shall be safely kept by the chairman, and the Board shall, at its last meeting previous to a new election, dispose of them as it may please to determine.

13th. Absence from the city, or personal or family sickness shall be a sufficient excuse for non-attendance.

14th. The Board shall be governed by the Rules of Order of the Institute in all cases unprovided for herein, and in cases where no rule of the Institute has been provided, the ordinary parliamentary usage shall prevail, as collated by Cushing.

THE INSTITUTE'S HALL

the start that I had not seen to this wife and artists and

AT BALTIMORE.

The site of the Hall is a very eligible one, fronting as it does on Baltimore street, and within two hundred yards of the Merchants' Exchange, Post Office, and City Hotel. The lot is that on which the head section of the old Centre Market stood, and has a sixty foot front, with a depth of three hundred and fifty-five feet to Second street. The basement story of the building, is a Tuscan Arcade, having seventy pilasters, with capacious archways, affording free access to the market, to the purposes of which this story is still devoted.

The Halls of the Institute, though over the market, and supported by the same foundation, are entirely separated from it. So well, indeed, has this been done, that a stranger might enter the Institute many times without knowing that there was an extensive market house beneath it. The main entrance to the Institute, is a large archway in the centre of the building on Baltimore street, where you ascend a double flight of steps, fifteen feet wide, to the first floor. On a broad platform, half way (ten feet) up this flight, there are ticket offices on either side. A spacious vestibule is reached at the head of these stairs, on either side of which, is a large office or dressing room. The grand stair hall, on this floor, is twenty-five feet square, at the back of which, is the LIBRARY ROOM, fifty-five by thirty-six feet, with a fourteen foot ceiling.-Directly in front of the the landing, at fifteen, feet distance, is a doorway twelve feet wide, opening into the grand saloon; this room, "in the clear," is two hundred and fifty,

by fifty-five feet, with a thirty-two and a half foot ceilling. It has twenty windows, ten on each side, which are each seventeen and a half by seven, and a grand promenade gallery, seven feet wide on the sides, and ten feet at each end of the room, runing entirely around it, at a height of fourteen feet from the floor, and supported by eighty strong and beautiful iron brackets, set into the walls. Thus the necessity of obstructing the main floor by pillars or columns, or of using suspension rods, is entirely avoided, and the floor is left entirely free and clear-the largest clear floor in America. This great room is finished in a simple but really beautiful style. The fresco painting upon the ceiling and walls, is one of the most artistic specimens of that kind of work that can be found any where. The design is chaste and architecturally appropropriate, and the colors are rich and well blended. der to render this room fit for concerts or public speeches, due care has been taken. A beautiful cove is placed in the cornice, which has much improved its acoustic properties. Though not containing as much ornament as some of our public halls, it is thought that, as a whole, this is the finest Ball or Exhibition Room in the country. Some two thousand persons may promenade the handsome galleries, while four thousand more may be seated, or six thousand could easily stand upon the main floor, making its capacity, in any event, very great.

On a level with the floor of the grand saloon, there are, in each of the end buildings, large rooms, and above them are other rooms, on a level with the gallery floor of the grand saloon. There is, on each of the end buildings, another floor still, with rooms equally as large as those below them.

HONORARY MEMBERS.

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Baltimore. Maryland. do. Maryland. do. do. New York. Sup't U. S. Coast Survey. New York. do. Baltimore. New York. Washington. Baltimore. do. Cincinnati. Smithsonian Institute. London. National Observatory. Baltimore. do. Washington Baltimore, Washington. Baltimore.

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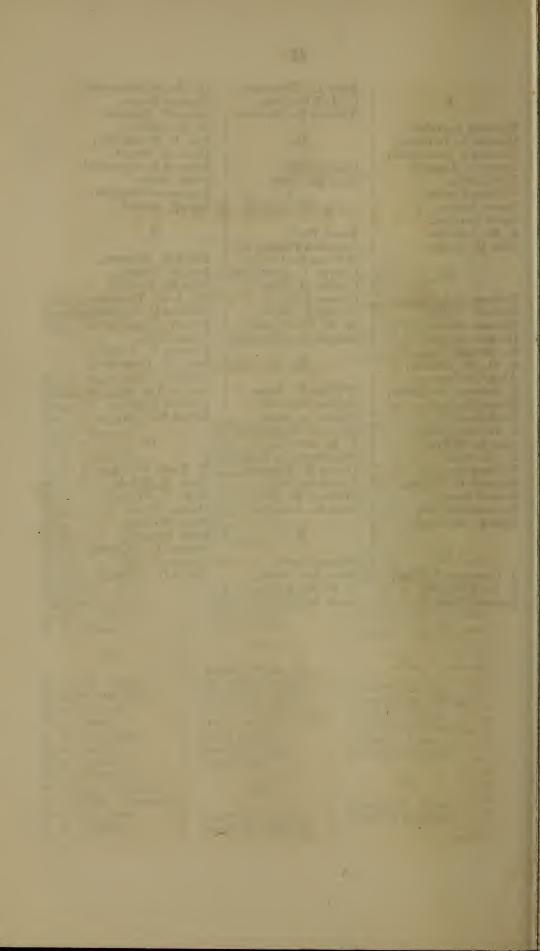
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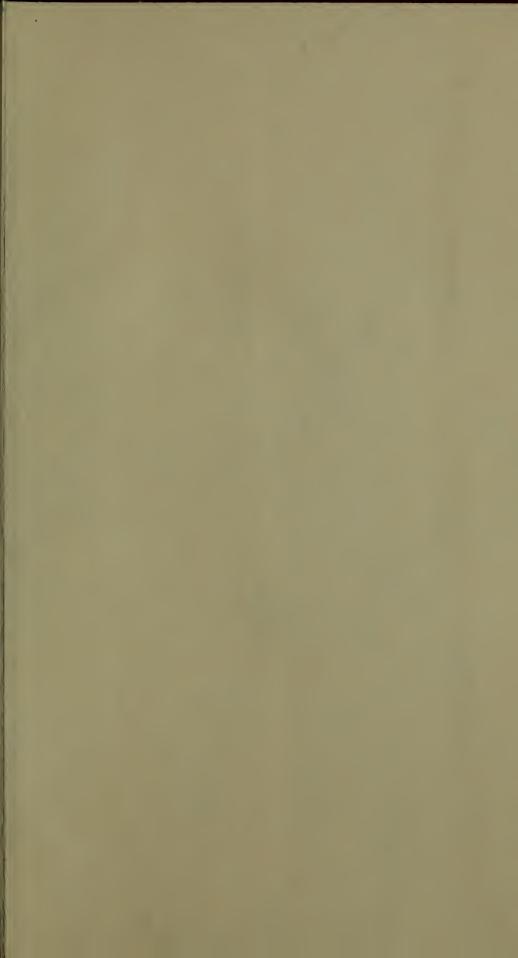
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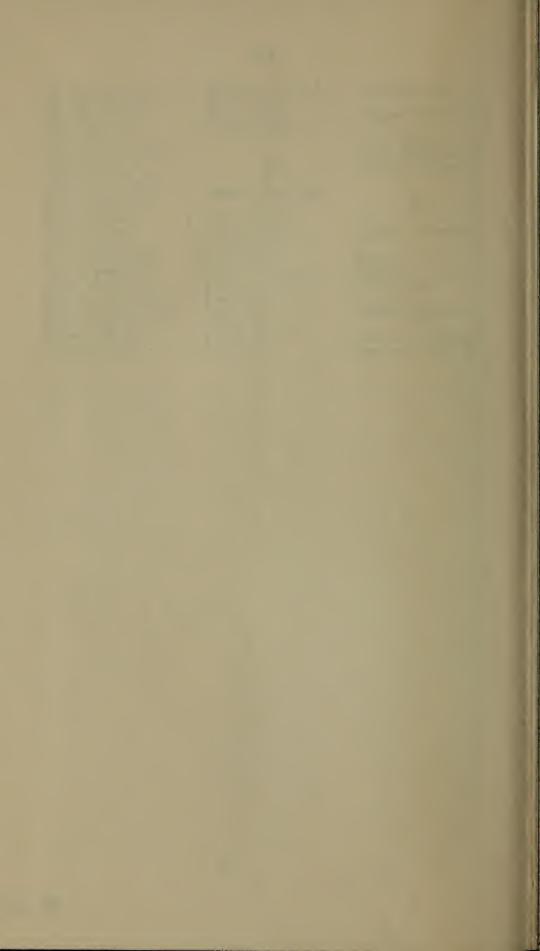
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